

FIGURE 1

ORDINANCE NO. 555

**AN ORDINANCE OF THE COUNTY OF RIVERSIDE
IMPLEMENTING THE SURFACE MINING
AND RECLAMATION ACT OF 1975**

The Board of Supervisors of the County of Riverside, State of California, do ordain as follows:

Section 1. The Board of Supervisors hereby finds and declares that the extraction of minerals is essential to the continued economic well-being of the County of Riverside and that it is the purpose and intent of this ordinance to regulate all surface mining operations in the unincorporated area of the County of Riverside as authorized by the California Surface Mining and Reclamation Act 1975 (Public Resources Code, Section 2710 et seq.) to ensure that:

- a. The reclamation of mined lands will be carried out in such a way that the continued mining of minerals will be permitted, and
- b. The adverse effects of surface mining operations will be prevented or minimized and that mined lands will be reclaimed to a useable condition which is readily adaptable for alternative land use, and
- c. The production and conservation of minerals will be encouraged while giving consideration to values relating to recreation, watershed, wildlife, range and forage, and aesthetic enjoyment, and the residual hazards to the public health and safety will be eliminated.

Section 2. The provisions of this ordinance do not apply to:

- a. Excavations or grading conducted for farming or on-site construction or for the purpose of restoring land following a flood or natural disaster.
- b. Prospecting for, or the extraction of, minerals for commercial purposes and the removal of overburden, in total amounts of less than 1,000 cubic yards in any one location. This exemption shall not apply to any single excavation which is greater than one acre in size.
- c. Surface mining operations that are required by Federal law in order to protect a mining claim, if such operations are conducted solely for that purpose.
- d. Such other surface mining operations which the State Mining and Geology Board finds are exempt from the provisions of the California Surface Mining and Reclamation Act of 1975 because they are of an infrequent nature and involve only minor surface disturbances.

Section 3. Unless exempted by the provisions of Section 2 or Section 12, no person, firm, corporation or private association shall conduct surface mining operations in the unincorporated area of the County of Riverside without first obtaining a permit to do so.

Section 4.

- a. All applications for a permit shall include a mining plan and a reclamation plan, shall be on forms provided by the Planning Department, shall be accompanied by a filing fee of \$4,4047.00, and shall be filed with the Planning Director. The application shall provide all information and data required by Section 2772 of the Public Resources Code and such additional information as may be reasonably required by the Planning Director. No application shall be accepted as completed for filing, and the time limitations for processing a permit shall not begin to run until all procedures under the California Environmental Quality Act and the Riverside County Rules to Implement CEQA have been completed.
- b. The Planning Director shall notify the State Geologist of the filing of each application for a permit.
- c. Upon completion of all procedures for review of an application, including notification of the State Geologist, a public hearing will be held before the County Planning Commission as hereinafter provided.

Section 5. The mining plan shall, to the extent practicable, contain at least the following:

- a. Indicate the progression of all operations of the facility indicating time frames for each phase and the estimated life of the operation;
- b. Show the location of equipment, stockpiles, settling ponds, interim drainage, machinery and wastedumps, and areas to be mined;
- c. Indicate the progression of stripping and excavating through the use of cross sections, elevations and topographic maps;
- d. Indicate the time lag between mining and reclamation and equipment siting and removal and/or relocation;
- e. Discuss the method of handling simultaneous excavation and reclamation if applicable;
- f. Show the location of all streams, roads, railroads, sewage disposal systems, waterwells, and utility facilities within 500 feet of the site and the location of all proposed access roads to be constructed in conducting the surface mining operation, and

- g. Indicate the type of and amount of mineral commodities to be removed, the amount of waste materials to be retained on the site and the amount of waste minerals to be disposed off site including the method and location of disposal of said waste materials.

Section 6. The reclamation plan shall, in addition to all other requirements:

- a. Indicate the methods to be used to reclaim the land including a detailed schedule of the sequence and timing of all stages of the reclamation.
- b. Describe the physical condition of the site upon the completion of all reclamation including the proposed uses or potentials use of the reclaimed site.
- c. Contain a map which will delineate through the use of cross sections and elevations the physical characteristics of the land upon the conclusion of reclamation. A topographic map shall also be provided with the location of the reclaimed land clearly indicated on said map.
- d. Describe the manner in which derelict machinery, waste materials and scraps will be removed from the reclaimed site and how contaminants will be controlled.
- e. Describe the methods to be used to ensure that the site will contain stable waste piles and slopes.
- f. Describe how reclamation of this site may affect the future use of the area for mining purposes.
- g. Show that the proposed site in its final form shall be, to the extent reasonable and practical, revegetated for soil stabilization, free of drainage and erosion problems, coordinated with present and anticipated future land use, and compatible with the topography and general environment of surrounding property.

Section 7. Public hearing to consider the granting, suspension or revocation of a permit shall be in accordance with the following procedures:

- a. Notice of the time, date and place of the public hearing, including a general description of the area and mining operation being considered, shall be given at least 10 days prior to the hearing by all of the following procedures:
 1. Mailing to all owners of real property which is located within 300 feet of the exterior boundaries of the proposed project, as such owners are shown on the last equalized assessment roll.

2. Publication once in a newspaper of general circulation in the County.
 3. The Planning Director may require additional notice be given by posting in conspicuous places close to the property affected.
- b. At the public hearing the Planning Commission shall hear relevant testimony from interested persons and, within a reasonable time after the close of the hearing, make its decision; provided, however, that an application for a permit shall not be granted unless that permit is expressly subject to such conditions as are necessary to protect the health, safety or general welfare of the community. The decision of the Planning Commission and the reasons for the decision shall be reduced to writing and shall be filed by the Planning Director with the Clerk of the Board of Supervisors, together with a report of the proceedings, not more than 15 days after the decision. A copy of the notice of decision shall be mailed to the applicant and to any person who has made a written request for a copy of the decision. If the Planning Commission is unable to make a decision, that fact shall be filed with the Clerk of the Board in the same manner for reporting decisions and shall be considered as notice of denial of the application. The Clerk of the Board shall place the notice of the decision on the next agenda of the Board of Supervisors held five or more days after the Clerk receives the notice from the Planning Director.
 - c. The decision of the Planning Commission is considered final, and no action by the Board of Supervisors is required unless, within 10 days after the notice of decision appears on the Board's agenda, the applicant or an interested person files an appeal, accompanied by a filing fee of \$235.00 plus \$50.00 if road conditions are appealed, with the Clerk of the Board or unless the Board assumes jurisdiction by ordering the matter set for public hearing. If a timely appeal is filed or the Board assumes jurisdiction, the Clerk of the Board shall set the matter for public hearing before the board not less than 13 nor more than 60 days thereafter, and shall give notice of the time and place of the hearing in the same manner as notice was given of the hearing before the Planning Commission.
 - d. At the hearing before the Board of Supervisors, the Board shall hear the matter de novo; however, the documents and the minutes of the hearing before the Planning Commission shall be a part of the Board's record at its hearing on the matter. The Board shall hear relevant testimony from interested persons, and within a reasonable time after the close of the hearing, make its decision sustaining, reversing or modifying the decision of the Planning Commission.

Section 8. As a condition of each permit, periodic inspections and reports of reclamation activities shall be required of the permittee as follows:

- a. The permittee shall apply for a Special Inspection Permit from the Building Director, which shall be accompanied by a filing fee of \$100.00, at least 15 days before the conclusion of each stage of reclamation. The application shall include a written report which specifies how the reclamation at the site conforms or deviates from the reclamation plan.
- b. The Building Director shall inspect the site within 30 days of receipt of the written report and application for a Special Inspection Permit from the permittee. Failure to inspect within 30 days shall be deemed acceptance of the report and compliance with the reclamation plan.
- c. Unless modified by the Planning Commission or Board of Supervisors at the time of the granting of a permit pursuant to this ordinance, each permittee shall apply for a Special Inspection Permit from the Building Director at least once in each year, provided, however, that this subsection shall not be construed to require more than one inspection per year per permit unless additional yearly inspections are required as a condition of the granting of a permit.

Section 9. All applicants, as a condition of approval of the permit, shall be required to execute an agreement to complete the work outlined in the reclamation plan within the time limits of said plan.

Section 10.

- a. If, after conducting the inspections required by Section 8, the Building Director finds that the reclamation plan is not being followed and completed as approved, the mining operator shall be so notified and given a reasonable time to comply with the reclamation plan, not to exceed 90 days. If at the end of this period of time, the reclamation plan is still not being followed and completed as approved, the Building Director shall notify the Planning Director of that fact. Thereupon, the Planning Director shall notify the mining operator involved and set the matter for public hearing before the Planning Commission in accordance with the procedures set out in Section 7 of this ordinance.
- b. At the hearing the Planning Commission shall determine whether or not the mining operator is complying with the reclamation plan. If it is found that the operator is not in compliance, the Commission shall determine if the permit shall be revoked or merely suspended until the operator files a revised reclamation plan with the Planning Director and whether said plan must be accompanied by bonds or liens of the type hereinafter described to ensure compliance with the revised reclamation plan. The decision of the Planning Commission may be appealed to the Board of Supervisors.

- c. No revised reclamation plan prepared pursuant to this section shall be acceptable unless it is so structured that the goals of the original reclamation plan will be met within a reasonable period of time.
- d. Unless otherwise directed by the Planning Commission or the Board of Supervisors, a reclamation plan prepared pursuant to this section shall not be accepted by the Planning Director unless it is accompanied by a valid, recordable lien in the amount of the cost of the reclamation ordered by the plan which lien shall be enforceable against the property covered by the revised plan. The lien shall not be released or reduced until the revised reclamation plan has been satisfactorily completed.

In lieu of a lien, the mining operator may post a security bond in the amount of the cost of the first stage of the revised reclamation plan with the Planning Director. The bond may be (a) a bond or bonds by one or more duly authorized corporate sureties, or (b) a deposit of money or negotiable bonds of the kind approved for securing deposits of public moneys, or (c) an instrument of credit from one or more financial institutions subject to regulation by the state or federal government and pledging that the funds necessary to carry out the plan are on deposit and guaranteed for payment. Upon the completion of one stage of the revised reclamation plan, the security bond covering that stage shall be released upon the filing of an additional security bond covering the cost of the succeeding stage of the revised plan.

Section 11. Any permit that is granted shall be used within three years from the effective date thereof, or within the time limit that is set in the conditions of approval, which shall not exceed five years; otherwise, such permit shall be null and void. The term "use" shall mean the beginning of a substantial surface mining operation that is authorized, which mining operation must hereafter be pursued diligently to completion.

Section 12. No person who has obtained a vested right to conduct surface mining operations prior to January 1, 1976, shall be required to secure a permit pursuant to the provisions of this ordinance as long as such vested right continues and no substantial change is made in that operation. A person shall be deemed to have such vested rights if prior to January 1, 1976, he has, in good faith and in reliance upon a permit or other authorization, if such permit or other authorization was required, diligently commenced surface mining operations and incurred substantial liabilities for work and materials necessary therefor. Expenses incurred in obtaining the enactment of an ordinance in relation to a particular operation or the issuance of a permit shall not be deemed liabilities for work or materials. Any substantial change in the surface mining operation subsequent to January 1, 1976, shall require the granting of a permit pursuant to this ordinance. A person who has obtained a vested right to conduct surface mining operations prior to January 1, 1976 shall, within a reasonable period of time, submit to the Planning Department for approval by the Planning Director, a reclamation plan for vested

operations that are conducted after January 1, 1976, and shall apply for a Special Inspection Permit from the Building Director in the same manner and with the same frequency as those mining operators required to obtain a permit pursuant to this ordinance before commencing or expanding their operation. Nothing in this ordinance shall be construed as requiring the filing of a reclamation plan for, or the reclamation of, mined lands on which surface mining operations were conducted prior to, but not after, January 1, 1976.

All reclamation plans submitted to the Planning Department for vested operations that are conducted after January 1, 1976, shall be accompanied by a fee of \$1,475.00.

Section 13. A request for approval of a modification to an approved surface mining permit or reclamation plan shall be made in accordance with the provisions of this section. A modification under this section means a request for a Revised Permit or a determination of Substantial Conformance as further defined herein.

- a. Applications. Applications for Substantial Conformance or Revised Permit shall be filed in writing with the Planning Director and shall include the following:
 1. All information required under this ordinance for the filing of a new application for the permit or reclamation plan sought to be modified, unless the requirement is waived by the Planning Director.
 2. A statement explaining the proposed modification and the reason the modification has been requested.
 3. If the application requires a public hearing, a list of names and addresses of all owners of real property located within 300 feet of the exterior boundaries of the property to be considered and such additional names and addresses required in order to conform with the notification requirements for processing a new surface mining permit or reclamation plan as shown on the last equalized assessment roll and any update issued by the County Assessor.
 4. Such additional information as shall be required by the Planning Director.
- b. Substantial Conformance means a request for a non-substantial modification to an approved permit or reclamation plan which does not change the original approval or the effect of the approval on surrounding property. Substantial Conformance may include, but is not limited to, modifications necessary to comply with final conditions of approval or modifications to lighting, parking, fencing or landscaping requirements.

- c. Revised Permit means a modification of a permit or reclamation plan which does not change the basic concept or use allowed by the original approval. A Revised Permit may include, but is not limited to, on-site reorientation of structures, structural alterations, movement of or alterations to signs, changes to the original conditions of approval including extension to the overall life of the permitted use, and changes in the intensity of use.
- d. Actions on applications for Substantial Conformance or Revised Permits shall be in accordance with the following procedures:
 - 1. Substantial Conformance. The Planning Director shall approve, conditionally approve or disapprove an application for Substantial Conformance within 30 days after accepting a completed application and give notice by mail of the decision, including any additional conditions of approval, to the applicant and any other person who has filed a written request for notice. The Planning Director's determination shall be based upon the standards of this section and those standards set forth in this ordinance for the approval of an original application. An application for Substantial Conformance shall not require a public hearing.
 - 2. Revised Permit. An application for a Revised Permit shall be approved, conditionally approved or disapproved in accordance with the procedures for processing an original permit or reclamation plan, including any requirements for public hearing, notice of hearing, and all rights of appeal. A Revised Permit shall be subject to the development standards applicable to a new surface mining permit or reclamation plan.
- e. The approval of an application for Substantial Conformance or Revised Permit shall be valid until the expiration of the original permit, unless an extension of time has been granted by an approved Revised Permit.
- f. Notwithstanding any provision herein to the contrary, an application for Substantial Conformance may be approved only if the proposed modification is exempt from the provisions of the California Environmental Quality Act.

Section 14. Whenever any surface mining operation or portion of an operation subject to this ordinance is sold, assigned, conveyed, exchanged, or otherwise transferred, the successor in interest shall be bound by the provisions of any reclamation plan approved pursuant to the provisions of this ordinance.

Section 15. If any section, subsection, paragraph, sentence, clause or phrase of this ordinance is for any reason held to be invalid or constitutional, such invalidity or unconstitutionality shall not affect the validity or constitutionality of the remaining portions of this ordinance, it being expressly declared that this ordinance and each section, subsection, paragraph, sentence, clause and phrase thereof would have been adopted, irrespective of the fact that one or more other section, subsection, paragraph, sentence, clause or phrase be declared invalid or unconstitutional.

ADOPTED: 8-9-77 (Effective 9-8-77)
AMENDED thru Ordinance 555.15

COUNTY COUNSEL

WILLIAM C. KATZENSTEIN



Memorandum

September 18, 1990

TO: Steve Kupferman, Engineering Geologist
Planning Department

FROM: JSR
Joe S. Rank, Deputy County Counsel

RE: Reclamation Plan 123 -- Hubbs Quarry

RECEIVED
SEP 21 1990

RIVERSIDE COUNTY
PLANNING DEPARTMENT

As we have previously discussed, review and acceptance of the reclamation plan gives the County "limited" authority to impose additional conditions.

Pursuant to Public Resources Code Section 2770, "The lead agency's review of these plans is limited to whether the plan substantially meets the requirements of Sections 2772 and 2773 and the lead agency's surface mining ordinance adopted pursuant to subdivision (a) of Section 2774." While the above section somewhat limits your review, within the guidelines of Sections 2772 and 2773 (copies attached), your review may be useful in controlling some of the activities within the quarry.

Under Public Resources Code Section 2774(a) the provisions in Ordinance No. 555 regarding "liens, surety bonds or other security to guarantee reclamation in accordance with the reclamation plan" may be imposed. As to the specific requests of the Department of Health Services (DHS), it would appear that their concerns are mainly with operation, opposed to reclamation of the site. It is our understanding that various issues regarding site sampling and analysis have been addressed in the blasting permits. Where, therefore, concerns are expressed as to activities related to blasting, e.g., items 3 and 8 of DHS letter.

Other concerns of DHS could be reasonably incorporated into the reclamation plan (e.g., items 1, 2, 4, 5, 7 and 9 of DHS letter). While some of these items are directly related to contaminants within the area, there is, nevertheless, an impact on the eventual reclaiming of the site.

It appears to us, that given the previous activity of the state in this facility, it is appropriate to continue incorporating their concerns into any permits/plans of the quarry.

Please let us know if we can assist you further.

JSR:bln
251lit

Historical Note

The 1980 amendment, in the second sentence, inserted "public agency" following "as to which", inserted "the public agency which shall serve as" following "shall design-

nate", and added "and to an examination of which of the public agencies has principal permit responsibility".

§ 2772. Filing of plan; form; content

The reclamation plan shall be filed with the lead agency on a form provided by the lead agency, by any person who owns, leases, or otherwise controls or operates on all, or any portion of any, mined lands, and who plans to conduct surface mining operations thereon. The reclamation plan shall include the following information and documents:

(a) The name and address of the operator and the names and addresses of any persons designated by him as his agents for the service of process.

(b) The anticipated quantity and type of minerals for which the surface mining operation is to be conducted.

(c) The proposed dates for the initiation and termination of such operation.

(d) The maximum anticipated depth of the surface mining operation.

(e) The size and legal description of the lands that will be affected by such operation, a map that includes the boundaries and topographic details of such lands, a description of the general geology of the area, a detailed description of the geology of the area in which surface mining is to be conducted, the location of all streams, roads, railroads, and utility facilities within, or adjacent to, such lands, the location of all proposed access roads to be constructed in conducting such operation, and the names and addresses of the owners of all surface and mineral interests of such lands.

(f) A description of and plan for the type of surface mining to be employed and a time schedule that will provide for the completion of surface mining on each segment of the mined lands so that reclamation can be initiated at the earliest possible time on those portions of the mined lands that will not be subject to further disturbance by the surface mining operation.

(g) A description of the proposed use or potential uses of the land after reclamation and evidence that all owners of a possessory interest in the land have been notified of the proposed use or potential uses.

(h) A description of the manner in which reclamation, adequate for the proposed use or potential uses will be accomplished, including: (1) a description of the manner in which contaminants will be controlled, and mining waste will be disposed; and (2) a description of the manner in which rehabilitation of affected streambed channels and streambanks to a condition minimizing erosion and sedimentation will occur.

(i) An assessment of the effect of implementation of the reclamation plan on future mining in the area.

SURFACE MINING AND RECLAMATION

§ 2774

Ch. 9

(j) A statement that the person submitting the plan accepts responsibility for reclaiming the mined lands in accordance with the reclamation plan.

(k) Any other information which the lead agency may require by ordinance.

(Added by Stats.1975, c. 1131, p. 2793, § 11.)

Cross References

Empire Mine state historical park, retention of tailings as provision of plan, see § 5006.11.

§ 2773. Application of plan to specific property

The reclamation plan shall be applicable to a specific piece of property or properties, and shall be based upon the character of the surrounding area and such characteristics of the property as type of overburden, soil stability, topography, geology, climate, stream characteristics, and principal mineral commodities.

(Added by Stats.1975, c. 1131, p. 2793, § 11.)

§ 2774. Review and approval of plans; procedures

(a) Every lead agency shall adopt ordinances in accordance with state policy which establish procedures for the review and approval of reclamation plans and the issuance of a permit to conduct surface mining operations, except that any lead agency without an active surface mining operation in its jurisdiction may defer adopting an implementing ordinance until the filing of a permit application. Such reclamation and permit ordinances shall establish procedures requiring at least one public hearing and periodic inspections of surface mining operations, and may include provisions for liens, surety bonds, or other security to guarantee reclamation in accordance with the reclamation plan. Such ordinances shall be periodically reviewed by the lead agency and revised, as necessary, in order to ensure that the ordinances continue to be in accordance with state policy.

(b) Lead agencies shall notify the State Geologist of the filing of an application for a permit to conduct surface mining operations.

(c) On request of a lead agency, the State Geologist shall furnish technical assistance to assist in the review of reclamation plans.

(Added by Stats.1975, c. 1131, p. 2793, § 11. Amended by Stats.1980, c. 800, p. 2501, § 9, eff. July 28, 1980.)

Historical Note

The 1980 amendment divided the section into subdivisions; in the first sentence of subd. (a) substituted "in accordance with state policy which establish" for "establishing" and added the exception; in the second

sentence of subd. (a) substituted "reclamation and permit ordinances shall establish procedures requiring" for "procedures shall require"; and in the third sentence of subd. (a) substituted "periodically" for "contin-

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REPLY TO FILE NO. _____

June 7, 1990

Department of Health Services
Toxic Substances Control Program
Special Project Team
Post Office Box 942732
Sacramento, California 94234-7320

Attention: Mr. Mike Sorenson

Re: **Paul Hubbs vs. U. S. Environmental Protection Agency**
Our File No. 7397 KHM

Dear Mr. Sorenson:

This letter will confirm our telephone conversation in which you advised you had contacted the Riverside County Planning Department regarding the reclamation plan. You confirmed with the Planning Department that Mr. Hubbs only need to plot the wells on his property and indicate that the wells would be protected. It is not necessary to identify what measures will be taken to protect the wells. In fact, Mr. Hubbs will not be taking any affirmative steps or measures to protect the wells since this is the exclusive domain of the Department of Health Services.

This letter will also confirm that you have agreed to forward a map plotting the wells to Mr. Hubbs' attention to assist in preparation of the reclamation plan.

Thank you for your assistance in resolving this matter.

Very truly yours,

MURCHISON & CUMMING

Kenneth H. Moreno

KHM:tq\LTR0607

cc: ✓ Mr. Paul Hubbs

RECEIVED

OCT 02 1991
OFFICE OF SUPERVISOR
MELBA DUNLAP
CASE SHEET

RIVERSIDE COUNTY
DATE: 9/30/91 PLANNING DEPARTMENT

TAKEN BY: R. Scott

NAME: Supervisor Melba Dunlap

ADDRESS:

CITY: ZIP:

HOME PH# 275-1020 WORK# EXT

INITIATED BY: PHONE LETTER DROP IN REFERRAL

REFERRED BY:

NATURE OF BUSINESS:

Hubbs Operation in Pyrite Canyon: Hundreds of old auto
tires being buried just west of Pyrite/southerly of acid
pits. What's going on!

DEPARTMENT REFERRED TO: Building & Safety; ~~Planning, Geology~~

DEPARTMENT CONTACT PERSON: Diane Early/Steve Kupferman EXT:557807/53211

ACTION TAKEN: (include dates)

DATE COMPLETED:

BY:



COUNTY OF RIVERSIDE

TRANSPORTATION AND LAND MANAGEMENT AGENCY



Code Enforcement Department

NOTICE OF VIOLATION

May 3, 2001

Mr. Jay Hubbs
Paul Hubbs Construction Co.
3500 Pyrite Street
Riverside, Ca. 92509

Dear Mr. Hubbs,

Re: Surface Mine Reclamation Plan 123

NOTICE IS HEREBY GIVEN that property owned or controlled by you known as the Pryite Quarry and located at 3500 Pyrite Street Riverside, California, and specifically Assessor's Parcel Numbers 173-170-006, 013, 015, 173-180-003, 008, 009, is in violation of Riverside County Code, Chapter 5.48, (Riverside County Ordinance 555 §8 and 9), CALIFORNIA SURFACE MINING AND RECLAMATION ACT of 1975, (Public Resources Code, Sections 2710 et seq.) specifically Public Resources Code § 2774.1(a). Such violation is described as:

1. Operating Surface Mine RCL00123 operations outside of the approved plan boundaries and,
2. Failure to follow the mining plan conditions approved for the reclamation plan.

YOU ARE HEREBY REQUIRED TO COMPLY with the provisions of these regulations by:

1. Remove operations of the mine that are located outside the boundaries of the reclamation plan to within the plan boundaries or obtain "Conditional Use Permits" for each operation not a part of the reclamation plan .
2. Slope conditions on the highwalls are unsafe. For each quarry highwall, a slope stability analysis report prepared and signed by a licensed geotechnical engineer and a licensed engineering geologist shall be submitted for review and approval to the Department of Building & Safety. The report shall include, but not limited to, the following:
 - (a) Documented inspection report that indicates the geotechnical engineer and the engineering geologist observations made during the inspection
 - (b) An engineering geologic map of the quarry highwalls that indicates the presence of fractures and joints, and an analysis of their influence on the stability of the quarry walls.
 - (c) The opinions of the engineering geotechnical engineer and engineering geologist regarding the safety of the existing highwall slope conditions.
 - (d) A determination of the conformance of the existing slope geometries to the recommendations made in the original slope stability report approved for this reclamation plan. (Report dated July 3, 1990 by Gary Rasmussen & Associates.)
 - (e) Rock fall hazard potential.
 - (f) Static and Seismic stability calculations.
 - (g) Laboratory shear strength data, including fresh, weathered and fractured bedrock, and an analysis of any critical joint/fracture interface strengths that may contribute to potential failure of the slopes/highwalls.
 - (h) Recommendations for slope remediation and stabilization, to render the slopes "safe" and in substantial conformance with the approved geometries as recommended in the previous report cited above.
 - (i) Proposed schedule for completion of the slope remediation activities.
 - (j) Provide a current topographic map overlaid site map showing contours and limits of the reclamation plan boundaries.
3. Provide a timeline or schedule for completion and submittal of reports by **August 1, 2002**.
4. Immediately install "Danger Falling Rock" signs at the toe of the highwall every 100 feet.
5. Immediately install a barrier at least 25 feet at the toe, outward the full length of the highwall to prevent equipment from driving within the falling rock danger zone.

COMPLIANCE MUST BE COMPLETED BY SEPTEMBER 30, 2002. FAILURE TO COMPLY WILL RESULT IN LEGAL ACTION BEING BROUGHT AGAINST YOU.

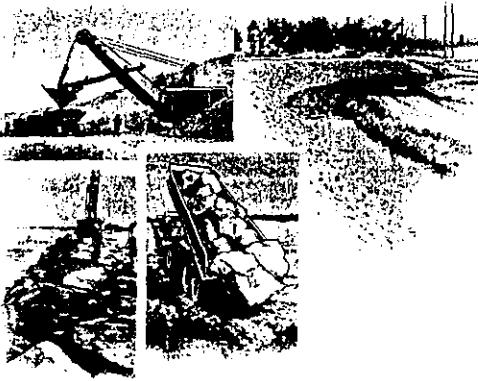
WARNING: Failure to comply with the requirements specified herein may lead to the imposition of administrative penalties of up to \$5,000.00 per day assessed from the original date of this notice of violation.

NOTICE IS ALSO GIVEN THAT AT THE CONCLUSION OF THIS CASE YOU WILL RECEIVE A SUMMARY OF ADMINISTRATIVE COSTS ASSOCIATED WITH THE PROCESSING OF SUCH VIOLATION(S), AT AN HOURLY RATE OF \$70.00 AS DETERMINED BY THE BOARD OF SUPERVISORS.

YOU WILL HAVE THE RIGHT TO OBJECT TO THESE CHARGES BY FILING A REQUEST FOR HEARING WITH THE DEPARTMENT OF BUILDING & SAFETY WITHIN 10 DAYS OF SERVICE OF THE SUMMARY OF CHARGES, PURSUANT TO RIVERSIDE COUNTY CODE CHAPTER 1.6 AND RIVERSIDE COUNTY ORDINANCE NUMBER 725.

If you have any questions regarding this matter, please contact me at (909) 955-6549 to schedule an appointment.

Chuck Wideen,
Principal Engineering Technician



PAUL HUBBS CONSTRUCTION CO.

GENERAL ENGINEERING CONTRACTOR • RIP RAP, "RIVERS AND HARBORS"



3500 PYRITE STREET • RIVERSIDE, CALIFORNIA 92509
TELEPHONE (909) 360-3990 • FAX (909) 360-3991

DECEMBER 17, 1997

County of Riverside
Transportation and Land Management Agency
Building and Safety Department
P.O. Box 1040
Riverside, CA 92502-1440

Attn: Steve Dondalski

Re: RP #123 CA Mine ID #91-33-0062
RP #118 CA MINE ID #91-33-0061


Dear Steve:

Enclosed are the signed "Reclamation Bonds" and "Agreements" for both the above referenced permits. Please have them signed by the appropriate County Officials and forward the necessary documentation to the State.

I have forwarded copies as indicated below.

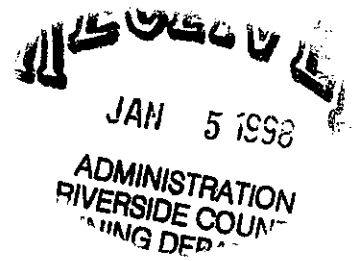
Please feel free to contact me at your convenience if any further information is needed.

Respectfully,
Paul Hubbs Construction Co., Inc.


Fred L. Resnick
Secretary / Controller

cc: Steven A. Kupferman, Riverside County Planning Department
4080 Lemon St., 9th Floor
Riverside, CA 92501

Pam Ceccarelli, Department of Conservation
Division of Mine & geology
801 K Street
Sacramento, CA 95814-3528



**FAITHFUL PERFORMANCE BOND
SURFACE MINING RECLAMATION IMPROVEMENTS**

COUNTY OF RIVERSIDE
STATE OF CALIFORNIA

For: Surface Mine and
Reclamation Permits
\$ 143,000.00

Surface Mine/Reclamation
Permit No: RP 118

Bond No. 111 3319 4644

Premium \$2,860.00

Surety THE AMERICAN INSURANCE COMPANY

Address 777 SAN MARIN DR.

City NOVATO, CA 94998

Principal PAUL HUBBS CONSTRUCTION CO., INC.

Address 3500 PYRITE STREET

City RIVERSIDE, CA 92509

Whereas, the County of Riverside, State of California, and/or the Department of Conservation, State of California and PAUL HUBBS CONSTRUCTION CO., INC.

(hereinafter designated as "Principal") has entered into, or is about to enter into, the attached Agreement whereby Principal agrees to install and complete the above-designated surface mine and reclamation improvements, relating to RP 118, which Agreement is hereby referred to and made a part hereof; and

WHEREAS, said principal is required under the terms of said Agreement to furnish a bond for the faithful performance of said Agreement;

NOW, THEREFORE, we, the Principal and THE AMERICAN INSURANCE COMPANY, as surety, are held and firmly bound unto the County of Riverside and/or the Department of Conservation, in the penal sum of ONE HUNDRED FORTY THREE THOUSAND AND NO/100 Dollars (\$ 143,000.00) lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, successors, executors and administrators, jointly and severally, firmly by these presents.

The conditions of this obligation is such that if the above bonded Principal, his or its heirs, executors administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and provisions in the said Agreement and any alteration thereof made as therein provided, on his or their part, to be kept and performed at the same time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the County of Riverside and the Department of Conservation, its officers, agents and employees as therein stipulated, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect. reasonable expenses and fees, including reasonable attorney's fees, incurred by County in successfully enforcing such obligation, all to be taxed as costs and included in any judgement rendered.

The Surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Agreement or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Agreement or to the work or to the specifications. Surety further stipulates and agrees that the provisions of Sections 2845 of the Civil Code are not a condition precedent to the Surety's obligations hereunder and are hereby waived by the Surety.

When the work covered by the Agreement is complete and the final planting/grading inspection has been approved by the Building Director or the Department of Conservation, the amount of the obligation of this bond shall be maintained in an amount equal to the cost of completing the remaining portion of the reclamation of the site as prescribed in the approved or amended reclamation plan.

**

In witness whereof, this instrument has been duly executed by the Principal and Surety above named on
DECEMBER 15, 1997

NAME OF PRINCIPAL: PAUL HUBBS CONSTRUCTION CO., INC.

AUTHORIZED SIGNATURE (S):

By

Jay P. Hubbs JAY P. HUBBS, PRESIDENT

Title

By

Fred L. Resnick FRED L. RESNICK, SECRETARY

Title

(If Corporation, Affix Seal)

NAME OF SURETY: THE AMERICAN INSURANCE COMPANY

AUTHORIZED SIGNATURE:

Philip E. Vega PHILIP E. VEGA, ATTORNEY-IN-FACT

(If Corporation, Affix Seal)

ATTACH NOTARIAL ACKNOWLEDGEMENT OF SIGNATURE OF PRINCIPAL AND ATTORNEY-IN-FACT

**

This bond shall remain in full force and effect until such time as the work required by the Agreement for surface Mining Reclamation Improvements is completed and the surety is released from further liability by the Obligee, or until the bond has been canceled as set forth herein by the Surety.

The Surety may cancel the bond only by providing written notice, which must be received by the Riverside County Director of Building and Safety and the Riverside County Counsel at least 120 days before the date of cancellation. Such notice shall contain a copy of the bond.

If the Principal fails to submit substitute financial assurances acceptable to the County within the first 30 days of this notice period, the proceeds of the bond, shall be provided to the County of Riverside within 30 days of receiving a written request therefrom in an amount (not to exceed the aggregate amount of the bond) sufficient to complete the work required by the Agreement for Surface Mining Reclamation Improvements, as determined by the Building Director or County Geologist.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

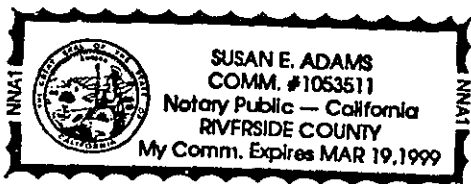
State of California

County of Riverside

On Dec 17 1997 before me, SUSAN E. ADAMS Notary Public,
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Jay P. Hubbs, Fred L. Resnick,
Name(s) of Signer(s)

☒ personally known to me ~~OR~~ ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Susan E. Adams
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Agreement for Surface Mining Reclamation Bond
#111 3319 4644

Document Date: 12/15/97 Number of Pages: 2

Signer(s) Other Than Named Above: None

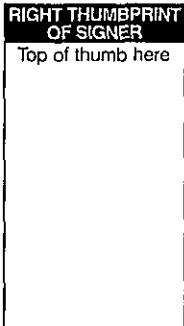
Capacity(ies) Claimed by Signer(s)

Signer's Name: Jay P. Hubbs

- ☐ Individual
☒ Corporate Officer
Title(s): President
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

Paul Hubbs Construction
Company Inc



Signer's Name: Fred L. Resnick

- ☐ Individual
☒ Corporate Officer
Title(s): Secretary
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

Paul Hubbs Construction
Company Inc



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

No. 5907

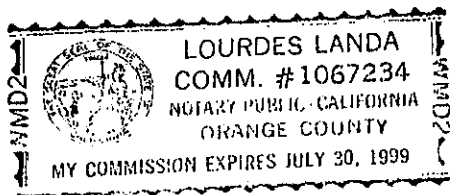
State of CALIFORNIA

County of ORANGE

On 12-15-97 before me, LOURDES LANDA, NOTARY PUBLIC
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared ***PHILIP E. VEGA***
NAME(S) OF SIGNER(S)

☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

[Signature]
SIGNATURE OF NOTARY

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER

- ☐ INDIVIDUAL
☐ CORPORATE OFFICER

TITLE(S)

- ☐ PARTNER(S) ☐ LIMITED
☐ GENERAL

☒ ATTORNEY-IN-FACT

☐ TRUSTEE(S)

☐ GUARDIAN/CONSERVATOR

☐ OTHER: _____

SIGNER IS REPRESENTING:

NAME OF PERSON(S) OR ENTITY(IES)

THE AMERICAN INSURANCE COMPANY

DESCRIPTION OF ATTACHED DOCUMENT

TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

DATE OF DOCUMENT

SIGNER(S) OTHER THAN NAMED ABOVE

GENERAL
POWER OF
ATTORNEY

THE AMERICAN INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS: That THE AMERICAN INSURANCE COMPANY, a Corporation incorporated under the laws of the State of New Jersey on February 20, 1846, and redomesticated to the State of Nebraska on June 1, 1990, and having its principal office in the County of Marin, State of California, has made, constituted and appointed, and does by these presents make, constitute and appoint

--- PHILIP E. VEGA ---

IRVINE, CA
its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver any and all bonds, undertaking, recognizances or other written obligations in the nature thereof -----

and to bind the Corporation thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Corporation and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises.

This power of attorney is granted pursuant to Article VII, Sections 45 and 46 of By-laws of THE AMERICAN INSURANCE COMPANY now in full force and effect.

"Article VII. Appointment and Authority of Resident Secretaries, Attorneys-in-Fact and Agents to accept Legal Process and Make Appearances.

Section 45. Appointment. The Chairman of the Board of Directors, the President, any Vice-President or any other person authorized by the Board of Directors, the Chairman of the Board of Directors, the President or any Vice-President may, from time to time, appoint Resident Assistant Secretaries and Attorneys-in-Fact to represent and act for and on behalf of the Corporation and Agents to accept legal process and make appearances for and on behalf of the Corporation.

Section 46. Authority. The authority of such Resident Assistant Secretaries, Attorneys-in-Fact and Agents shall be as prescribed in the instrument evidencing their appointment. Any such appointment and all authority granted thereby may be revoked at any time by the Board of Directors or by any person empowered to make such appointment."

This power of attorney is signed and sealed under and by the authority of the following Resolution adopted by the Board of Directors of THE AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 31st day of July, 1984, and said Resolution has not been amended or repealed:

"RESOLVED, that the signature of any Vice-President, Assistant Secretary, and Resident Assistant Secretary of this Corporation, and the seal of this Corporation may be affixed or printed on any power of attorney, on any revocation of any power of attorney, or on any certificate relating thereto, by facsimile, and any power of attorney, any revocation of any power of attorney, or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Corporation."

IN WITNESS WHEREOF, THE AMERICAN INSURANCE COMPANY has caused these presents to be signed by its Vice-President, and its corporate seal to

be hereunto affixed this 7th day of April, 1995.



THE AMERICAN INSURANCE COMPANY

By

[Signature]
Vice-President

ss.

STATE OF CALIFORNIA
COUNTY OF MARIN

On this 7th day of April, 1995, before me personally came M. A. Mallonee, to me known, who, being by me duly sworn, did depose and say: that he is Vice-President of THE AMERICAN INSURANCE COMPANY, the Corporation described in and which executed the above instrument; that he knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that he signed his name thereto by like order.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year herein first above written.



[Signature]
Notary Public

CERTIFICATE

ss.

STATE OF CALIFORNIA
COUNTY OF MARIN

I, the undersigned, Resident Assistant Secretary of THE AMERICAN INSURANCE COMPANY, a NEBRASKA Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force and has not been revoked; and furthermore that Article VII, Sections 45 and 46 of the By-laws of the Corporation, and the Resolution of the Board of Directors; set forth in the Power of Attorney, are now in force.

Signed and sealed at the County of Marin. Dated the 15TH day of DECEMBER, 1997.



[Signature]
Resident Assistant Secretary

**AGREEMENT
FOR SURFACE MINING RECLAMATION IMPROVEMENTS**

This Agreement, made and entered into by and between the County of Riverside, State of California, hereinafter called County, or the Department of Conservation of the State of California, hereinafter called Department of Conservation and PAUL HUBBS CONSTRUCTION CO., INC., hereinafter called Permittee.

WITNESSETH

FIRST: Permittee, for and in consideration of the issuance of Surface Mining Permit RP 118 agrees, at Permittee's own cost and expense to furnish all labor, equipment and material necessary to perform and complete, in a good and workmanlike manner, all those surface mining reclamation works in accordance with the Reclamation Plan submitted in connection with Surface Mining Permit RP 118, including but not limited to removal of equipment and derelict machinery, waste materials and scraps, soil revegetation and landscaping stabilization of slopes, land restoration compatible with the topography and general environment of surrounding property in accordance with the Reclamation and Mining Plans. Permittee shall do all work incidental thereto in accordance with the standards set forth in Riverside County Ordinance No. 555, as amended, which are expressly made a part of this agreement, to the extent applicable. All of the above required work shall be done under the inspection of and to the satisfaction of the County Building Director or Department of Conservation and shall not be deemed complete until approval of the final inspection is made by the Building Director or Department of Conservation. The estimated cost of said reclamation works is the sum of ONE HUNDRED FORTY THREE THOUSAND DOLLARS (\$143,000.00) for completion of the Reclamation Plan.

SECOND: Permittee agrees to pay to the County the actual cost of such inspection of the works and improvements as may be reasonably required by the Building Director. Permittee further agrees that if suit is brought upon this agreement or any bond or other security guaranteeing the completion of the reclamation works, all costs and reasonable expenses and fees incurred by the County in successfully enforcing such obligations shall be paid by Permittee including reasonable attorneys' fees, and that upon judgment, such expenses and fees shall be taxed as costs and included in any judgment rendered.

THIRD: County or Department of Conservation shall not, nor shall any officer or employee of County or Department of Conservation, be liable or responsible for any accident, loss or damage happening or occurring to the reclamation works specified in this agreement prior to the completion and approval thereof, nor shall County or Department of Conservation or any officer or employee thereof, be liable for any persons or property injured by reason of the nature of the works, or by reason of the acts or omissions of Permittee, his agents or employees, in his performance of the work, and all of said liabilities are assumed by Permittee. Permittee agrees to protect, defend, and hold harmless County or Department of Conservation and the officers and employees thereof from all loss, liability or claim because of or arising out of the acts or omissions of Permittee, and his agents and employees, in the performance of this Agreement.

FOURTH: Permittee hereby grants to the County or Department of Conservation, and to any agent or employee of the County or Department of Conservation, the irrevocable permission to enter upon the lands subject to the above referenced Surface Mining Permit for the purpose of completing the reclamation works. This permission shall terminate in the event that the Permittee has completed the work within the time specified or any extension thereof granted by the Building Director.

FIFTH: Permittee agrees at all times, up to the completion and approval of the final reclamation works inspection by the Building Director or Department of Conservation, to give good and adequate warning to the traveling public of each and every dangerous condition caused by the construction of the reclamation works, and to protect the traveling public from such defective or dangerous conditions.

SIXTH: Permittee and his agents and employees shall give notice to the Building Director at least 48 hours before beginning any work and shall furnish said Building Director all reasonable facilities for obtaining full information respecting the progress and manner of work.

SEVENTH: If Permittee, or his agents, neglects, refuses, or fails to prosecute the reclamation work with such diligence as to insure its completion within a reasonable time, or within such extensions of time as have been granted by the Building Director or Department of Conservation, or if the Permittee violates, neglects, refuses or fails to perform satisfactorily any of the provisions of the plans and specifications of the Reclamation Plan, he shall be in default of this Agreement and notice in writing of such default shall be served upon him. The Building Director or Department of Conservation shall have the power to draw upon the security submitted to secure this agreement in the event of a default by Permittee. The foregoing provisions of this section shall be in addition to all rights and remedies available to the County or Department of Conservation under law.

EIGHT: Permittee agrees to file with the County and Department of Conservation prior to the date this agreement is executed a good and sufficient security attached hereto in any amount not less than the estimated cost of the reclamation works for the faithful performance of the terms and conditions of this agreement. The amount of said security shall be adjusted annually by the Permittee as approved by the Building Director according to the annual change in the U.S. Department of Labor Consumer Price Index for the Los Angeles-Long Beach metropolitan area.

NINTH: It is understood and agreed by the parties hereto that if any part, term or provision of this Agreement is by the courts held to be unlawful and void, the validity of the remaining portions shall not be affected and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term or provision held to be invalid.

TENTH: Any notice or notices required or permitted to be given pursuant to this agreement shall be served on the other party by mail, postage prepaid, at the following addresses:

284-44A-6 04/95 Grading

COUNTY
County of Riverside
Department of Building and Safety
P.O. Box 1440
Riverside, CA 92502-1440

PERMITTEE
PAUL HUBBS CONSTRUCTION CO., INC.
3500 PYRITE ST.
RIVERSIDE, CA. 92509

or

DEPARTMENT OF CONSERVATION
California Department of Conservation
Office of Mine Reporting and Reclamation Compliance
801 K Street, MS 09-06
Sacramento, CA 95814-3529

ELEVENTH: This agreement incorporates all portions of Condition Number N/A of SMP N/A. If conflicts exist between the requirements of the agreement and/or security form(s), the requirements of Condition Number N/A shall take precedence.

IN WITNESS WHEREOF PERMITTEE has affixed his name, address and seal.

Dated: DECEMBER 17, 1997

PAUL HUBBS CONSTRUCTION CO., INC.
By: Jay E. Hubbs JAY E. HUBBS, PRESIDENT
By: Fred L. Resnick FRED L. RESNICK, SECRETAR

COUNTY OF RIVERSIDE

ATTEST:

Gerald A. Maloney, Clerk
By: _____
Deputy
Approved as to Form:
William C. Katzenstein, County Counsel

By: _____

By: _____
For the Building Director

Date: _____

SIGNATURES OF PERMITTEE MUST BE ACKNOWLEDGED BY A NOTARY AND EXECUTED IN DUPLICATE, WITH THE NOTARY ACKNOWLEDGEMENT ATTACHED HERETO.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

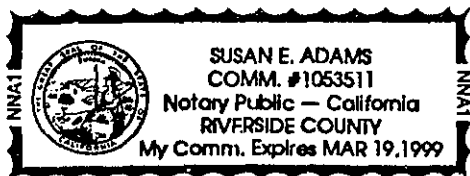
State of California

County of Riverside

On Dec 17 1997 before me, SUSAN E. Adams Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Jay P Hubbs, Fred L Resnick
Name(s) of Signer(s)

☒ personally known to me ~~OR~~ ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Susan E Adams
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Agreement for Surface Mining Reclamation/RP118

Document Date: 12/17/97 Number of Pages: 2

Signer(s) Other Than Named Above: None

Capacity(ies) Claimed by Signer(s)

Signer's Name: Jay P Hubbs

- ☐ Individual
☒ Corporate Officer
Title(s): President
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

Paul Hubbs Construction
Company Inc

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: Fred L Resnick

- ☐ Individual
☒ Corporate Officer
Title(s): Secretary
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

Paul Hubbs Construction
Company Inc

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

COUNTY OF RIVERSIDE
DEPARTMENT OF BUILDING AND SAFETY

PLEASE LIST NAMES AND ADDRESSES OF ALL PERSONS WHO HAVE SIGNED THE IMPROVEMENT AGREEMENTS.

1. If the entity executing the agreements is a private person, the residential address of each such person must be provided.
2. If the entity executing the agreements is a partnership or joint venture, the name and address of the partnership AND the residential addresses of each person who executed the agreements must be provided.
3. If the entity executing the agreements is a domestic corporation, the corporate address AND the residential addresses of the officers signing the agreements must be provided.
4. If the entity executing the agreements is a foreign corporation, the name and address of the designated agent for service of process AND the residential addresses of all officers signing the agreements must be provided.

<u>NAME</u>	<u>ADDRESS</u>	<u>CITY</u>	<u>ZIP CODE</u>
PAUL HUBBS CONSTRUCTION CO., INC.	3500 PYRITE ST.	RIVERSIDE, CA.	92509
JAY P. HUBBS, PRESIDENT	542 WEST "C" ST.	COLTON, CA.	92324
FRED L. RESNICK, SECRETARY	1409 W. ALRU ST.	BLOOMINGTON, CA.	92316

**FAITHFUL PERFORMANCE BOND
SURFACE MINING RECLAMATION IMPROVEMENTS**

COUNTY OF RIVERSIDE
STATE OF CALIFORNIA

For: Surface Mine and
Reclamation Permits
\$ 143,500.00

Surface Mine/Reclamation
Permit No: RP 123

Bond No. 111 3319 4636

Premium \$2,870.00

Surety THE AMERICAN INSURANCE COMPANY

Address 777 SAN MARIN DR.

City NOVATO, CA 94998

Principal PAUL HUBBS CONSTRUCTION CO., INC.

Address 3500 PYRITE STREET

City RIVERSIDE, CA 92509

Whereas, the County of Riverside, State of California, and/or the Department of Conservation, State of California and PAUL HUBBS CONSTRUCTION CO., INC. (hereinafter designated as "Principal") has entered into, or is about to enter into, the attached Agreement whereby Principal agrees to install and complete the above-designated surface mine and reclamation improvements, relating to RP 123, which Agreement is hereby referred to and made a part hereof; and

WHEREAS, said principal is required under the terms of said Agreement to furnish a bond for the faithful performance of said Agreement;

NOW, THEREFORE, we, the Principal and THE AMERICAN INSURANCE COMPANY, as surety, are held and firmly bound unto the County of Riverside and/or the Department of Conservation, in the penal sum of ONE HUNDRED FORTY THREE THOUSAND FIVE HUNDRED AND NO/100 Dollars (\$ 143,500.00) lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, successors, executors and administrators, jointly and severally, firmly by these presents.

The conditions of this obligation is such that if the above bonded Principal, his or its heirs, executors administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and provisions in the said Agreement and any alteration thereof made as therein provided, on his or their part, to be kept and performed at the same time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the County of Riverside and the Department of Conservation, its officers, agents and employees as therein stipulated, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect. reasonable expenses and fees, including reasonable attorney's fees, incurred by County in successfully enforcing such obligation, all to be taxed as costs and included in any judgement rendered.

The Surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Agreement or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Agreement or to the work or to the specifications. Surety further stipulates and agrees that the provisions of Sections 2845 of the Civil Code are not a condition precedent to the Surety's obligations hereunder and are hereby waived by the Surety.

When the work covered by the Agreement is complete and the final planting/grading inspection has been approved by the Building Director or the Department of Conservation, the amount of the obligation of this bond shall be maintained in an amount equal to the cost of completing the remaining portion of the reclamation of the site as prescribed in the approved or amended reclamation plan.

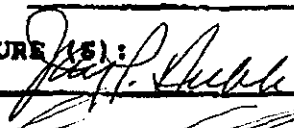
**

In witness whereof, this instrument has been duly executed by the Principal and Surety above named on
DECEMBER 15, 1997

NAME OF PRINCIPAL: PAUL HUBBS CONSTRUCTION CO., INC.

AUTHORIZED SIGNATURE (S):

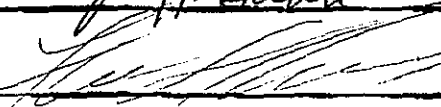
By



JAY P. HUBBS, PRESIDENT

Title

By



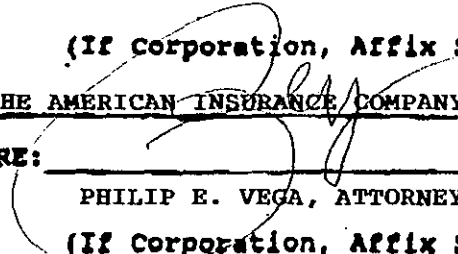
FRED L. RESNICK, SECRETARY

Title

(If Corporation, Affix Seal)

NAME OF SURETY: THE AMERICAN INSURANCE COMPANY

AUTHORIZED SIGNATURE:



PHILIP E. VEGA, ATTORNEY-IN-FACT

(If Corporation, Affix Seal)

ATTACH NOTARIAL ACKNOWLEDGEMENT OF SIGNATURE OF PRINCIPAL AND ATTORNEY-IN-FACT

**

This bond shall remain in full force and effect until such time as the work required by the Agreement for surface Mining Reclamation Improvements is completed and the surety is released from further liability by the Obligee, or until the bond has been canceled as set forth herein by the Surety.

The Surety may cancel the bond only by providing written notice, which must be received by the Riverside County Director of Building and Safety and the Riverside County Counsel at least 120 days before the date of cancellation. Such notice shall contain a copy of the bond.

If the Principal fails to submit substitute financial assurances acceptable to the County within the first 30 days of this notice period, the proceeds of the bond, shall be provided to the County of Riverside within 30 days of receiving a written request therefrom in an amount (not to exceed the aggregate amount of the bond) sufficient to complete the work required by the Agreement for Surface Mining Reclamation Improvements, as determined by the Building Director or County Geologist.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

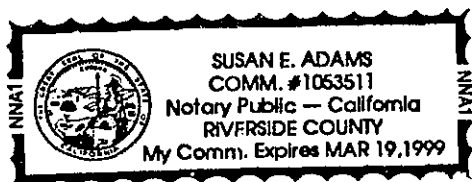
State of California

County of Riverside

On Dec 17 1997 before me, Susan E. Adams Notary Public

personally appeared Jay P Hubbs, Fred L Resnick

☒ personally known to me ~~OR~~ ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is~~ are subscribed to the within instrument and acknowledged to me that ~~he~~ she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Susan E. Adams
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Agreement for Surface Mining Reclamation Bond
111 3319 463p

Document Date: 12/15/97 Number of Pages: 2

Signer(s) Other Than Named Above: None

Capacity(ies) Claimed by Signer(s)

Signer's Name: Jay P Hubbs

- ☐ Individual
☒ Corporate Officer
Title(s): President
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

Paul Hubbs Construction
Company Inc.

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: Fred L Resnick

- ☐ Individual
☒ Corporate Officer
Title(s): Secretary
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

Paul Hubbs Construction
Company Inc.

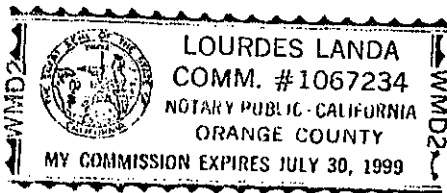
RIGHT THUMBPRINT
OF SIGNER
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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

No. 5907

State of CALIFORNIACounty of ORANGEOn 12-15-97 before me, LOURDES LANDA, NOTARY PUBLIC
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"personally appeared ***PHILIP E. VEGA***
NAME(S) OF SIGNER(S)

☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

SIGNATURE OF NOTARY**OPTIONAL**

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER

- ☐ INDIVIDUAL
☐ CORPORATE OFFICER

TITLE(S) _____

- ☐ PARTNER(S) ☐ LIMITED
☐ GENERAL

- ☒ ATTORNEY-IN-FACT
☐ TRUSTEE(S)
☐ GUARDIAN/CONSERVATOR
☐ OTHER: _____

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)

THE AMERICAN INSURANCE COMPANY**DESCRIPTION OF ATTACHED DOCUMENT**

TITLE OR TYPE OF DOCUMENT _____

NUMBER OF PAGES _____

DATE OF DOCUMENT _____

SIGNER(S) OTHER THAN NAMED ABOVE _____

GENERAL
POWER OF
ATTORNEY

THE AMERICAN INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS: That THE AMERICAN INSURANCE COMPANY, a Corporation incorporated under the laws of the State of New Jersey on February 20, 1846, and redomesticated to the State of Nebraska on June 1, 1990, and having its principal office in the County of Marin, State of California, has made, constituted and appointed, and does by these presents make, constitute and appoint

--- PHILIP E. VEGA ---

IRVINE, CA
its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver any and all bonds, undertaking, recognizances or other written obligations in the nature thereof -----

and to bind the Corporation thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Corporation and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises.

This power of attorney is granted pursuant to Article VII, Sections 45 and 46 of By-laws of THE AMERICAN INSURANCE COMPANY now in full force and effect.

"Article VII. Appointment and Authority of Resident Secretaries, Attorneys-in-Fact and Agents to accept Legal Process and Make Appearances.

Section 45. Appointment. The Chairman of the Board of Directors, the President, any Vice-President or any other person authorized by the Board of Directors, the Chairman of the Board of Directors, the President or any Vice-President may, from time to time, appoint Resident Assistant Secretaries and Attorneys-in-Fact to represent and act for and on behalf of the Corporation and Agents to accept legal process and make appearances for and on behalf of the Corporation.

Section 46. Authority. The authority of such Resident Assistant Secretaries, Attorneys-in-Fact and Agents shall be as prescribed in the instrument evidencing their appointment. Any such appointment and all authority granted thereby may be revoked at any time by the Board of Directors or by any person empowered to make such appointment."

This power of attorney is signed and sealed under and by the authority of the following Resolution adopted by the Board of Directors of THE AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 31st day of July, 1984, and said Resolution has not been amended or repealed:

"RESOLVED, that the signature of any Vice-President, Assistant Secretary, and Resident Assistant Secretary of this Corporation, and the seal of this Corporation may be affixed or printed on any power of attorney, on any revocation of any power of attorney, or on any certificate relating thereto, by facsimile, and any power of attorney, any revocation of any power of attorney, or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Corporation."

IN WITNESS WHEREOF, THE AMERICAN INSURANCE COMPANY has caused these presents to be signed by its Vice-President, and its corporate seal to

be hereunto affixed this 7th day of April, 1995.



THE AMERICAN INSURANCE COMPANY

By

[Signature]
Vice-President

ss.

STATE OF CALIFORNIA
COUNTY OF MARIN

On this 7th day of April, 1995, before me personally came M. A. Mallon, to me known, who, being by me duly sworn, did depose and say: that he is Vice-President of THE AMERICAN INSURANCE COMPANY, the Corporation described in and which executed the above instrument; that he knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that he signed his name thereto by like order.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year herein first above written.



CERTIFICATE

ss.

[Signature]
Notary Public

STATE OF CALIFORNIA
COUNTY OF MARIN

I, the undersigned, Resident Assistant Secretary of THE AMERICAN INSURANCE COMPANY, a NEBRASKA Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force and has not been revoked; and furthermore that Article VII, Sections 45 and 46 of the By-laws of the Corporation, and the Resolution of the Board of Directors; set forth in the Power of Attorney, are now in force.

Signed and sealed at the County of Marin. Dated the 15TH day of DECEMBER, 1997.



[Signature]
Resident Assistant Secretary

**AGREEMENT
FOR SURFACE MINING RECLAMATION IMPROVEMENTS**

This Agreement, made and entered into by and between the County of Riverside, State of California, hereinafter called County, or the Department of Conservation of the State of California, hereinafter called Department of Conservation and PAUL HUBBS CONSTRUCTION CO., INC., hereinafter called Permittee.

WITNESSETH

FIRST: Permittee, for and in consideration of the issuance of Surface Mining Permit RP 123 agrees, at Permittee's own cost and expense to furnish all labor, equipment and material necessary to perform and complete, in a good and workmanlike manner, all those surface mining reclamation works in accordance with the Reclamation Plan submitted in connection with Surface Mining Permit RP 123, including but not limited to removal of equipment and derelict machinery, waste materials and scraps, soil revegetation and landscaping stabilization of slopes, land restoration compatible with the topography and general environment of surrounding property in accordance with the Reclamation and Mining Plans. Permittee shall do all work incidental thereto in accordance with the standards set forth in Riverside County Ordinance No. 555, as amended, which are expressly made a part of this agreement, to the extent applicable. All of the above required work shall be done under the inspection of and to the satisfaction of the County Building Director or Department of Conservation and shall not be deemed complete until approval of the final inspection is made by the Building Director or Department of Conservation. The estimated cost of said reclamation works is the sum of ONE HUNDRED FORTY THREE THOUSAND FIVE HUNDRED DOLLARS Dollars (\$ 143,500.00) for completion of the Reclamation Plan.

SECOND: Permittee agrees to pay to the County the actual cost of such inspection of the works and improvements as may be reasonably required by the Building Director. Permittee further agrees that if suit is brought upon this agreement or any bond or other security guaranteeing the completion of the reclamation works, all costs and reasonable expenses and fees incurred by the County in successfully enforcing such obligations shall be paid by Permittee including reasonable attorneys' fees, and that upon judgment, such expenses and fees shall be taxed as costs and included in any judgment rendered.

THIRD: County or Department of Conservation shall not, nor shall any officer or employee of County or Department of Conservation, be liable or responsible for any accident, loss or damage happening or occurring to the reclamation works specified in this agreement prior to the completion and approval thereof, nor shall County or Department of Conservation or any officer or employee thereof, be liable for any persons or property injured by reason of the nature of the works, or by reason of the acts or omissions of Permittee, his agents or employees, in his performance of the work, and all of said liabilities are assumed by Permittee. Permittee agrees to protect, defend, and hold harmless County or Department of Conservation and the officers and employees thereof from all loss, liability or claim because of or arising out of the acts or omissions of Permittee, and his agents and employees, in the performance of this Agreement.

FOURTH: Permittee hereby grants to the County or Department of Conservation, and to any agent or employee of the County or Department of Conservation, the irrevocable permission to enter upon the lands subject to the above referenced Surface Mining Permit for the purpose of completing the reclamation works. This permission shall terminate in the event that the Permittee has completed the work within the time specified or any extension thereof granted by the Building Director.

FIFTH: Permittee agrees at all times, up to the completion and approval of the final reclamation works inspection by the Building Director or Department of Conservation, to give good and adequate warning to the traveling public of each and every dangerous condition caused by the construction of the reclamation works, and to protect the traveling public from such defective or dangerous conditions.

SIXTH: Permittee and his agents and employees shall give notice to the Building Director at least 48 hours before beginning any work and shall furnish said Building Director all reasonable facilities for obtaining full information respecting the progress and manner of work.

SEVENTH: If Permittee, or his agents, neglects, refuses, or fails to prosecute the reclamation work with such diligence as to insure its completion within a reasonable time, or within such extensions of time as have been granted by the Building Director or Department of Conservation, or if the Permittee violates, neglects, refuses or fails to perform satisfactorily any of the provisions of the plans and specifications of the Reclamation Plan, he shall be in default of this Agreement and notice in writing of such default shall be served upon him. The Building Director or Department of Conservation shall have the power to draw upon the security submitted to secure this agreement in the event of a default by Permittee. The foregoing provisions of this section shall be in addition to all rights and remedies available to the County or Department of Conservation under law.

EIGHT: Permittee agrees to file with the County and Department of Conservation prior to the date this agreement is executed a good and sufficient security attached hereto in any amount not less than the estimated cost of the reclamation works for the faithful performance of the terms and conditions of this agreement. The amount of said security shall be adjusted annually by the Permittee as approved by the Building Director according to the annual change in the U.S. Department of Labor Consumer Price Index for the Los Angeles-Long Beach metropolitan area.

NINTH: It is understood and agreed by the parties hereto that if any part, term or provision of this Agreement is by the courts held to be unlawful and void, the validity of the remaining portions shall not be affected and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term or provision held to be invalid.

TENTH: Any notice or notices required or permitted to be given pursuant to this agreement shall be served on the other party by mail, postage prepaid, at the following addresses:

284-44A-6 04/95 Grading

COUNTY
County of Riverside
Department of Building and Safety
P.O. Box 1440
Riverside, CA 92502-1440

PERMITTEE
PAUL HUBBS CONSTRUCTION CO., INC.
3500 PYRITE ST.
RIVERSIDE, CA 92509

or

DEPARTMENT OF CONSERVATION
California Department of Conservation
Office of Mine Reporting and Reclamation Compliance
801 K Street, MS 09-06
Sacramento, CA 95814-3529

ELEVENTH: This agreement incorporates all portions of Condition Number N/A of SMP N/A. If conflicts exist between the requirements of the agreement and/or security form(s), the requirements of Condition Number N/A shall take precedence.

IN WITNESS WHEREOF PERMITTEE has affixed his name, address and seal.

Dated: DECEMBER 17, 1997

PAUL HUBBS CONSTRUCTION CO., INC.
By: Jay P. Hubbs JAY P. HUBBS, PRESIDENT
By: Fred L. Resnick FRED L. RESNICK, SECRETAR

COUNTY OF RIVERSIDE

ATTEST:

Gerald A. Maloney, Clerk
By: _____
Deputy
Approved as to Form:
William C. Katzenstein, County Counsel

By: _____

By: _____
For the Building Director
Date: _____

SIGNATURES OF PERMITTEE MUST BE ACKNOWLEDGED BY A NOTARY AND EXECUTED IN DUPLICATE, WITH THE NOTARY ACKNOWLEDGEMENT ATTACHED HERETO.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

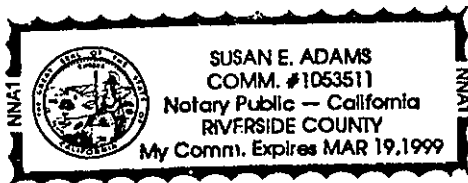
State of California

County of Riverside

On Dec 17 1997 before me, SUSAN E ADAMS, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Jay P Hubbs, Fred L Resnick
Name(s) of Signer(s)

☒ personally known to me ~~OR~~ ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Susan E Adams
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Agreement For Surface Mining Reclamation / RP 123

Document Date: 12/17/97 Number of Pages: 2

Signer(s) Other Than Named Above: None

Capacity(ies) Claimed by Signer(s)

Signer's Name: Jay P Hubbs

- ☐ Individual
☒ Corporate Officer
Title(s): President
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

Paul Hubbs Construction
Company Inc

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: Fred L Resnick

- ☐ Individual
☒ Corporate Officer
Title(s): Secretary
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

Paul Hubbs Construction
Company Inc

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

COUNTY OF RIVERSIDE
DEPARTMENT OF BUILDING AND SAFETY

PLEASE LIST NAMES AND ADDRESSES OF ALL PERSONS WHO HAVE SIGNED THE IMPROVEMENT AGREEMENTS.

1. If the entity executing the agreements is a private person, the residential address of each such person must be provided.
2. If the entity executing the agreements is a partnership or joint venture, the name and address of the partnership AND the residential addresses of each person who executed the agreements must be provided.
3. If the entity executing the agreements is a domestic corporation, the corporate address AND the residential addresses of the officers signing the agreements must be provided.
4. If the entity executing the agreements is a foreign corporation, the name and address of the designated agent for service of process AND the residential addresses of all officers signing the agreements must be provided.

<u>NAME</u>	<u>ADDRESS</u>	<u>CITY</u>	<u>ZIP CODE</u>
PAUL HUBBS CONSTRUCTION CO., INC.	3500 PYRITE ST.	RIVERSIDE, CA.	92509
JAY P. HUBBS, PRESIDENT	542 WEST "C" ST.	COLTON, CA.	92324
FRED L. RESNICK, SECRETARY	1409 W. ALRU ST.	BLOOMINGTON, CA.	92316



COUNTY OF RIVERSIDE

DEPARTMENT OF BUILDING AND SAFETY

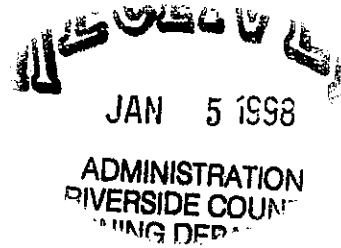
December 19, 1997

Administration
Thomas H. Ingram, Director

Department of Conservation
Office of Mine Reporting and Reclamation Compliance
801 K Street, MS 09-06
Sacramento, CA 95814-3529

Attn: Dennis J. O'Bryant

Re: State Mine ID: 91-33-0062 (RP123)



Dear Mr. O'Bryant:

Pursuant to the Surface Mining and Reclamation Act of 1975-Section 2774 (c), a copy of the financial assurance package, cost estimate and supporting documentation for State Mine ID: 91-33-0062 is provided for your review. The referenced surface mine is under the jurisdiction of Riverside County. The cost estimate as provided has been approved by this jurisdiction. The financial assurance dollar amount was established by a detailed cost estimate submitted by Paul Hubbs Construction Company February 24, 1997 (copy-attached).

As other surface mining operations submit their respective financial assurances approved, a copy of that information will be sent to you for review prior to County approval. If I can be of any assistance in this matter, please feel free to contact me at the telephone number referenced below.

Sincerely,

TRANSPORTATION AND LAND MANAGEMENT AGENCY
RICHARD LASHBROOK, AGENCY DIRECTOR

DEPARTMENT OF BUILDING AND SAFETY

Steven L. Dondalski
Erosion Control Specialist

cc: Fred Resnick- Paul Hubbs Construction Co.
Steven Kupferman- Planning Department

Enclosures



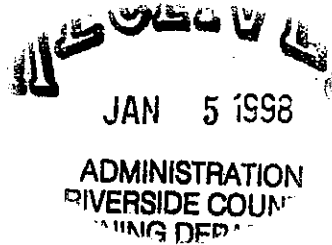
COUNTY OF RIVERSIDE

DEPARTMENT OF BUILDING AND SAFETY

December 19, 1997

Administration
Thomas H. Ingram, Director

Department of Conservation
Office of Mine Reporting and Reclamation Compliance
801 K Street, MS 09-06
Sacramento, CA 95814-3529



Attn: Dennis J. O'Bryant

Re: State Mine ID: 91-33-0061 (RP118)

Dear Mr. O'Bryant:

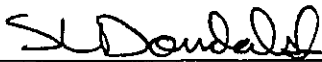
Pursuant to the Surface Mining and Reclamation Act of 1975-Section 2774 (c), a copy of the financial assurance package, cost estimate and supporting documentation for State Mine ID: 91-33-0061 is provided for your review. The referenced surface mine is under the jurisdiction of Riverside County. The cost estimate as provided has been approved by this jurisdiction. The financial assurance dollar amount was established by a detailed cost estimate submitted by Paul Hubbs Construction Company-February 7, 1997 (copy attached).

As other surface mining operations submit their respective financial assurances approved, a copy of that information will be sent to you for review prior to County approval. If I can be of any assistance in this matter, please feel free to contact me at the telephone number referenced below.

Sincerely,

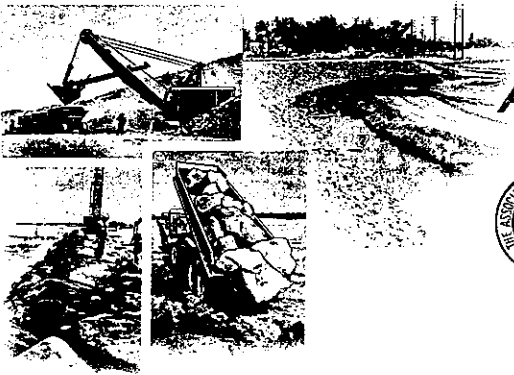
TRANSPORTATION AND LAND MANAGEMENT AGENCY
RICHARD LASHBROOK, AGENCY DIRECTOR

DEPARTMENT OF BUILDING AND SAFETY


Steven L. Dondalski
Erosion Control Specialist

cc: Fred Resnick- Paul Hubbs Construction Co.
Steven Kupferman- Planning Department

Enclosures



PAUL HUBBS CONSTRUCTION CO.

GENERAL ENGINEERING CONTRACTOR • RIP RAP, "RIVERS AND HARBORS"



3500 PYRITE STREET • RIVERSIDE, CALIFORNIA 92509
TELEPHONE (909) 360-3990 • FAX (909) 360-3991

FEBRUARY 14, 1997

County of Riverside
Transportation and Land Management Agency
Building and Safety Department
P.O. Box 1040
Riverside, CA 92502-1440

Attn: Steve Dondalski

Subject: Pyrite Quarry
Re: Reclamation Estimate
RP #123
CA Mine ID #91-33-0062

SLV

EB 1 1997

RIVERSIDE COUNTY
PLANNING DEPARTMENT

Dear Steve:

I have attached the revised reclamation estimate for Pyrite Quarry, RP #123, CA Mine ID #91-33-0062. The only change made was in the Seeding & Revegetation costs. I have adjusted the acreage of seeding to reflect the entire 60 acres. As discussed, I do not believe that the entire acreage is subject to seeding, but, in an effort to speed the process of bringing our quarry into full compliance, I have raised our estimate to reflect the entire acreage and am willing to bond it for that amount. I would, however, like to re-evaluate our reclamation plan at a later date and submit a revision for your approval and that of the State Department of Conservation to reflect the exact acreage of seeding.

Should you have any questions or comments, please feel free to call me at (909) 360-3990.

Respectfully,
Paul Hubbs Construction Co., Inc.

Fred L. Resnick, Controller

cc: Steven A. Kupferman, Riverside County Planning Department
4080 Lemon St., 9th Floor
Riverside, CA 92501

Pam Ceccarelli, Department of Conservation
Division of Mine & geology
801 K Street
Sacramento, CA 95814-3528

RECLAMATION ESTIMATE

CA MINE ID #91-33-0062

1) Removal of Roads

Task:

Recontour all roadways, rip road beds to prepare for topsoil replacement.

Length of road: 2,700'

Width of road: 20'

Total acres: 1.2 ACRES

A) Equipment

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1)D8N Dozer	1	\$46.00	16	\$ 736.00
2)Water Truck	1	\$38.00	8	\$ 304.00
Total Equipment Cost				\$1040.00

B) Labor

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1)Eq. Operator	1	\$23.00	16	\$ 368.00
2)Trk. Driver	1	\$17.50	8	\$ 140.00
Total Labor Cost				\$ 508.00

C) Total Direct Costs

\$1548.00

RECLAMATION ESTIMATE

2) Regrade Pit Areas

Task:

Reduce bench faces to 1 1/2:1 slopes. Requires blasting to remove over steepened slopes. Regrade slopes using 1 D-9L Dozer with average push distance of 40 feet.

Total Grading: 100,500 Cu Yds Total Blasting: 85,000 Cu Yds

Total Acres: 2.3

A) Equipment

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1) D-9L Dozer	1	\$80.00	80	\$ 6,400.00
2) Baxter/Cu Yd	85,500	.70/Yd		\$59,850.00

Total Equipment Cost \$66,250.00

B) Labor

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1) Dozer Operator	1	\$23.00	80	\$1,840.00

Total Labor Cost \$1,840.00

C) Total Direct Cost

\$68,090.00

RECLAMATION ESTIMATE

3) Replace Topsoil

Task:

Replace topsoil to a depth of 1 ft. over quarry floor as surfaces as prescribed in approved reclamation plan.

Total Cubic Yards: 11,800

Total Acres: 7.3

A) Equipment

<u>Item</u>	<u>Quantity</u>	<u>\$/hr</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1) Cat 769 End Dump	1	\$43.00	16	\$ 688.00
2) D-8N Dozer	1	\$46.00	16	\$ 736.00
3) 12-G Blade	1	\$18.00	16	\$ 288.00
4) Water Truck	1	\$38.00	16	\$ 608.00
Total Equipment Cost				\$2,320.00

B) Labor

<u>Item</u>	<u>Quantity</u>	<u>\$/hr</u>	<u>Total Hours</u>	<u>Total Hours</u>
1)Cat 769 Driver	1	\$23.00	16	\$ 368.00
2)Dozer Oper.	1	\$23.00	16	\$ 368.00
3)Blade Oper.	1	\$23.00	16	\$ 368.00
4)Truck Driver	1	\$17.50	16	\$ 280.00
Total Labor Cost				\$1,384.00

C)Total Direct Cost

\$ 3,704.00

RECLAMATION ESTIMATE

4) Seeding & Revegetation Costs

Task:

Seed approximately 8.5 acres of disturbed land , plant trees and install barbed wire fence per the approved reclamation plan. Use seed and tree species as approved.

A) Cost per acre per Pacific Southwest Biological Services.

\$800.00	Cost of seed & labor per acre
x 60.00	Acres
<hr/>	
\$48,000.00	

B) Trees as per Tarzian Landscape Construction estimate.

155 ea. 5 gal Euc. Polyanthemom

\$ 21.00	per tree
x 155	trees
<hr/>	
\$3,255.00	

C) 2 strand barbed wire fence.

1900 linear feet @ \$3.50 per foot.

\$ 3.50	per l/f
1900	l/f
<hr/>	
\$6,650.00	

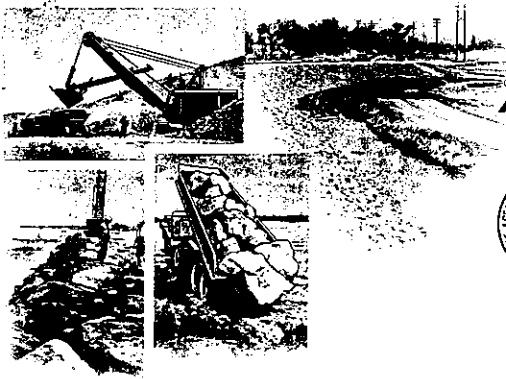
D) Total Direct Costs

\$57,905.00

RECLAMATION ESTIMATE

5) Total Reclamation Costs as of February 5, 1997

Total Direct Cost		\$131,247.00
Mobilization Cost	@ 2.5%	\$ 3,281.18
Supervision Cost	@ 4%	\$ 5,249.88
Profit & Overhead Cost	@ 11%	\$ 14,437.17
Contingency	@ 10%	\$ 13,124.70
		<hr/>
Total Cost		\$167,339.93



PAUL HUBBS CONSTRUCTION CO.

GENERAL ENGINEERING CONTRACTOR • RIP RAP, "RIVERS AND HARBORS"



3500 PYRITE STREET • RIVERSIDE, CALIFORNIA 92509
TELEPHONE (909) 360-3990 • FAX (909) 360-3991

February 7, 1997

County of Riverside
Transportation and Land Management Agency
Building and Safety Department
P.O. Box 1040
Riverside, CA 92502-1440

Attn: Steve Dondalski
Subject: Harlow Quarry
Re: Reclamation Estimate
RP #118
CA Mine ID #91-33-0061

511

EB 11 1997

RIVERSIDE COUNTY
PLANNING DEPARTMENT

Dear Steve:

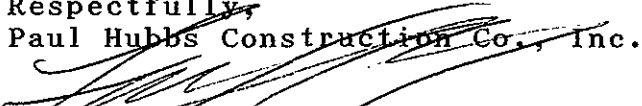
In answer to your memorandum dated 2/6/97, please note the following:

Notes 1, 2 & 3 The quantity indicates the number of machines to be utilized. The hours indicated for both the equipment and the operators are for the total hours needed to accomplish the task. It is not feasible to breakdown how many individual hours each piece will work.

Note 4 I have attached a revised "Reclamation Estimate" including the demolition of the office building.

Should you have any questions or comments, please feel free to call me at (909) 360-3990.

Respectfully,
Paul Hubbs Construction Co., Inc.


Fred L. Resnick, Controller

cc: Steven A. Kupferman, Riverside County Planning Department
4080 Lemon St., 9th Floor
Riverside, CA 92501

Pam Ceccarelli, Department of Conservation
Division of Mine & Geology
801 K Street
Sacramento, CA 95814-3528

RECLAMATION ESTIMATE

CA MINE ID #91-33-0061

1) Removal of Roads

Task:

Recontour all roadways, rip road beds to prepare for topsoil replacement.

Length of haul roads: 2,900' Width: 20'
Length of conveyor road: 600' Width: 25'
Total acres: 1.68 ACRES

A) Equipment

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1)D8N Dozer	1	\$46.00	80	\$3680.00
2)Water Truck	1	\$38.00	20	760.00
3)12G Blade	1	\$18.00	20	360.00

Total Equipment Cost \$4800.00

B) Labor

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1)Eq. Operator	1	\$23.00	80	\$1840.00
2)Eq. Operator	1	\$23.00	20	460.00
3)Trk. Driver	1	\$17.50	20	\$ 350.00

Total Labor Cost \$2650.00

C) Total Direct Costs

\$7450.00

RECLAMATION ESTIMATE

2) Regrade Pit Areas

Task:

Reduce bench faces to 2:1 slopes. Requires blasting to remove over steepened slopes. Regrade slopes using 1 D-9L Dozer with average push distance of 60 feet.

Total Grading: 150,000 Cu Yds Total Blasting: 65,000 Cu Yds

Total Acres: Quarry = 22.9
 Clay Pit = 10

A) Equipment

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1) D-9n Dozer	2	\$80.00	225	\$18,800.00
2) Baxter/Cu Yd	65,000	.70/Yd		\$45,500.00
Total Equipment Cost				\$64,300.00

B) Labor

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1) Dozer Operator	2	\$23.00	225	\$5,175.00
Total Labor Cost				\$5,175.00

C) Total Direct Cost	\$69,475.00
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RECLAMATION ESTIMATE

3) Replace Topsoil

Task:

Replace topsoil to a depth of 6 in. over all reclaimed surfaces as prescribed in approved reclamation plan.

Total Cubic Yards: 53,342

Total Acres: 33

A) Equipment

<u>Item</u>	<u>Quantity</u>	<u>\$/hr</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1) Cat 769 End Dump	2	\$43.00	40	\$1,720.00
2) D-8N Dozer	1	\$46.00	40	\$1,840.00
3) 12-G Blade	1	\$18.00	10	\$ 180.00
4) Water Truck	1	\$38.00	20	\$ 760.00
Total Equipment Cost				\$4,500.00

B) Labor

<u>Item</u>	<u>Quantity</u>	<u>\$/hr</u>	<u>Total Hours</u>	<u>Total Hours</u>
1) Cat 769 Driver	2	\$23.00	40	\$ 920.00
2) Dozer Oper.	1	\$23.00	40	\$ 920.00
3) Blade Oper.	1	\$23.00	10	\$ 230.00
4) Truck Driver	1	\$17.50	20	\$ 350.00
Total Labor Cost				\$2,420.00

C) Total Direct Cost

\$ 6,920.00

RECLAMATION ESTIMATE

4) Seeding & Revegetation Costs

Task:

Seed approximately 33 acres of disturbed land per the approved reclamation plan. Use seed species as approved.

A) Cost per acre per Pacific Southwest Biological Services.

\$800.00 Cost of seed & labor per acre
x 33.00 Acres
<hr/>
\$26,400.00

B) Total Direct Costs	\$26,400.00
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5) Demolition of approximately 630 sf Office. The exterior of the office is rock veneer from our quarry and can be salvaged as can most of the interior wood and fixtures. We estimate approximately two loads of refuse will have to be removed to a dump.

A) Equipment

<u>Item</u>	<u>Quantity</u>	<u>\$/hr</u>	<u>Total Hours</u>	<u>Total Cost (\$)</u>
1) Cat 988B Loader	1	\$46.00	8	\$ 368.00
2) Semi End Dump	1	\$30.00	8	\$ 240.00

Total Equipment Cost				\$ 608.00

B) Labor

<u>Item</u>	<u>Quantity</u>	<u>\$/hr</u>	<u>Total Hours</u>	<u>Total Cost (\$)</u>
1) Cat 988B Operator	1	\$23.00	8	\$ 184.00
2) Truck Driver	1	\$17.50	8	\$ 140.00
3) Laborers	3	\$10.00	24	\$ 240.00

Total Labor Cost				\$ 564.00

C) Dump Fees

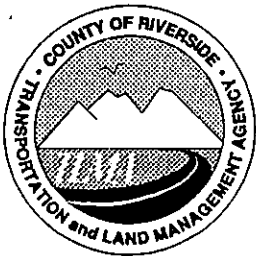
Approximately 2 Loads, 10 tons each	
20 tons @ \$37.00 per ton	\$ 740.00

D) Total Direct Costs	-----
	\$1912.00

RECLAMATION ESTIMATE

6) Total Reclamation Costs as of February 5, 1997

Total Direct Cost		\$112,157.00
Mobilization Cost	@ 2.5%	\$ 2,803.93
Supervision Cost	@ 4%	\$ 4,486.28
Profit & Overhead Cost	@ 11%	\$ 12,337.27
Contingency	@ 10%	\$ 11,215.70
		<hr/>
Total Cost		\$143,000.18



COUNTY OF RIVERSIDE
TRANSPORTATION AND
LAND MANAGEMENT AGENCY



Planning Department

Aleta J. Laurence
Director of Planning

November 4, 1996

Paul Hubbs Construction Company
3500 Pyrite Street
Riverside, CA

Attention: Fred Resnick

RE: Reclamation Financial Assurances

Harlow Quarry - Reclamation Plan No. 118 - CA Mine ID# 91-33-0061

Pyrite Quarry - Reclamation Plan No. 123 - CA Mine ID# 91-33-0062

Dear Mr. Resnick:

The purpose of this letter is to inform you that reclamation financial assurances do not yet exist for your two surface mining operations located in Riverside County.

As indicated in the California Surface Mining and Reclamation Act (SMARA), Section 2770(a), you shall not conduct surface mining operations at the subject quarries unless a reclamation financial assurance for each operation has been submitted to and approved by Riverside County. This requirement is also contained in Riverside County Ordinance No. 555, which implements SMARA. As you know, this requirement has been State law since 1992.

We concur with the September 10, 1996 letter (attached) sent to you from the State Office of Mine Reclamation and expect that you will comply with the requirements of that letter. In furtherance of your compliance, you indicated to me in our telephone conversation today that you intend to submit reclamation financial assurance cost estimates to Steve Dondalski with the Riverside County Department of Building and Safety this week. We appreciate your efforts in this matter and look forward to your timely compliance so as to avoid penalties or implementation of revocation proceedings in accordance with Riverside County Ordinance No. 555.

Do not hesitate to call me at (909) 275-3211 if you have any questions concerning this matter.

Sincerely,

RIVERSIDE COUNTY PLANNING DEPARTMENT

Aleta J. Laurence, AICP, Planning Director



Steven Kupferman, Engineering Geologist

cc: Office of Mine Reclamation - Cameron Downey

Department of Building and Safety - John Brewington, Mine Inspection

Department of Building and Safety - Steve Dondalski, Bonds

Department of Building and Safety - Scott Barber, Code Enforcement

County Counsel - Pam Anderson

Sullivan & Curtis

Risk Management
Insurance Brokerage

2100 MAIN STREET
IRVINE, CALIFORNIA 92614
TELEPHONE (714) 250-7172
FACSIMILE (714) 852-9762
CA LICENSE NO. 0721187

Irvine • Pasadena
Honolulu • Seattle

TRANSMISSION VIA FAX - 1 PAGE

MEMO

February 3, 1997

**Mr. Fred Resnick, Controller
Paul Hubbs Construction
3500 Pyrite Street
Riverside, CA 92509**

RE: Bonds for the Pyrite and Harlow quarries

Fred:

As a follow to our phone conversation earlier today, please be advised that we will provide you with the necessary bonds as needed for security at the above referenced locations as soon as you need them.

Please be advised that issuance of said bonds will be made upon review and acceptance of the pertinent documents to which the bonds guarantee. Acceptance of the documents will be made by Fireman's Fund, your surety for all other bonding matters.

Additionally, the cost of each bond will be determined when the actual bond amount is calculated.

Should you have any questions, please do not hesitate to contact me.

**Sincerely,
Sullivan & Curtis**

**Philip E. Vega
Vice President - Bond Dept.**





COUNTY OF RIVERSIDE
DEPARTMENT OF BUILDING AND SAFETY

MEMORANDUM

Administration

FEB 11 1997

T. H. Ingram
Director

TO: Fred Resnick RIVERSIDE COUNTY
Paul Hubbs Construction Co.

DATE: February 6, 1997

FROM: Steven L. Dondalski, Erosion Control Specialist

S. Dondalski

RE: Financial Assurance Estimate RP 118

Per review of the cost estimate submitted dated February 5, 1997, the following must be addressed prior to approval of the final dollar amount regarding the financial assurance:

1. Regarding the cost estimate for the Regrade Pit Areas:
 - * Please correct typo to indicate D-9L Dozer
 - * Cost esti. indicates two D-9Ls to be used, however your "Total Cost" figure indicates one. Please revise.
 - * The same is true for your dozer operators. Are two operators proposed? If so, please revise "Total Cost" to reflect same.
2. Regarding the Replace Topsoil:
 - * Two Cat 769 End Dumps are proposed, while "Total Cost" reflects only one. Please correct.
 - * Operators for the Cat 769 End Dumps must be revised to indicate correct number proposed.
3. Total Reclamation Costs as of February 5, 1997 must be updated to reflect the changes made in Points 1 and 2, above.
4. Please provide at least a cost for the demolition of the office building referred to in your narrative. State guidelines require a figure to be included for any equipment and or buildings on the site. The demolition cost must be provided by a demolition contractor.
5. For your information, the County inspection paperwork for the site dated April 30, 1996 indicates 20 acres as being disturbed on the site. Therefore, your figure of 33 acres is more than adequate.

cc: Steven Kupferman- Planning
Pam Ceccarelli- Dept. Conservation, Division Mines + Geology

or it will be sold to a salvage operator. There are no structures to be concerned about. Clean up operations will continue throughout the operational life of the project. Final clean up will be completed within one year after quarry operations are terminated.

6. As far as is known no contaminants are generated at the Pyrite quarry operation. The only other contaminant would be petroleum spilled accidentally during operations. Such spills would be minor and will be handled on a case by case basis.

7. Erosion potential at this quarry is minimal. Based on field observations the only erosion control measures required will be slope control on the face and management of flow from the quarry floor at the base of the face. As previously indicated a channel can be constructed if needed.

8. The only hazards directly caused by the quarry operations at Stringfellow will be the remaining vertical walls. (note that the Stringfellow acid pits are located adjacent to the quarry and there may be residual hazards in the area caused by their presence). As described previously a fence set back five feet from the top of the vertical wall, will be installed. A barbed wire or chain length fence will be constructed around the whole top of the wall. The fence will be properly signed as a warning to any persons. At the base of the vertical face the area will be fenced and signed, noting the danger of falling rock.

9. Revegetation at the Stringfellow site will be restricted to the flat quarred area below the vertical face. This decision is made because the small benches will be graded to direct runoff to the front of the face to minimize overall erosion and this type of slope would cause any topsoil to be eroded. The flat area will be revegetated with a species mix as defined in Appendix B. Initial revegetation will be with native species but, if the area is utilized for alternative uses in the future, the use of exotic landscape species can be expected. Fertilizers and / or hydromulch will be used where necessary. The area will be surveyed after initial revegetation attempts and, if necessary, a follow up effort will be conducted.

10. Since all quarried material will be consumed as generated, this operation will not leave any waste piles on-site. The all final slopes will be field reviewed and checked by an engineer to confirm their stability prior to the completion of the reclamation effort.

Project Description

A. Description of Mineral Commodity

The mining operations in the local area have apparently been conducted since the turn of the century. The existing Pyrite (formally Stringfellow) quarry has been in operation for approximately 40 years. Figures 1 & 2 show the location of the property. The mineral commodity being mined at this quarry is granite rock.

The main facility on the property is a large open pit rock quarry now called Pyrite Quarry. (See figure 2) Granite rock is quarried at this location and used for a variety of purposes, primarily riprap for flood control projects. The operating area of the quarry consists of one major working bench and face (quarry wall) that encompasses approximately 10 acres. The attached maps show location and topography of the site and the drawings clearly define the quarry's present configuration.

B. General Geology and Deposits Being Mined

The Pyrite (originally Shannahan) quarry is located in the Jurupa Mountains which are considered the northern most extension of the Perris fault block. Most geologists consider the Jurupa Mountains as part of the cryptalline granitic rocks that comprise the Southern California batholith. (The primary reference used in compiling geologic information for the site is "Geology of the Jurupa Mountains San Bernardino and Riverside Counties, California, Edward M. Mackevett. Special Report 5, Department of Natural Resources, Division of Mines, February, 1951.)

The existing quarry is located in a granodiorite ridge that is typical both of the local area and of the Southern California batholith. Mackevett termed the quarry material the Woodson Mountain granodiorite. Immediately adjacent to the quarry on the east is an outcrop of typical quartzbiotite gneiss. The rock of primary interest is the Woodson Mountain granodiorite.

As indicated above the Jurupa Mountains are considered the northern most outcrop of the Southern California batholith and may represent a "structural transition between the Peninsular Ranges to the south and these of the Transverse Ranges to the north." The general conclusion is that local faults occur in the Jurupa Mountains but no large, continuous faults are known to exist, as to origin the granitic material appears to be Cretaceous or younger in origin whereas the adjacent metasedimentary gneiss is considered to be between Triassic or Paleozoic in age.

The southeastern portion of the quarry site is covered with stream deposited alluvium derived from the drainage basin extending to the northeast. This material is typical coarse to medium sand deposited in the upper portion of a drainage basin.

C. The following is a limited description of the natural environmental and land use characteristics for the project site and adjacent area:

1. Geology and Topography. See Section B above for a discussion of the historical, structural and lithologic characteristics of the site. The quarry is located at the end of a granitic ridge. The eastern portion of the site is flat and includes both alluvial area and a portion of the old working bench. The quarry wall is over 100 feet high at its center with one real working bench. Elevation ranges from approximately 1000 feet to a little above 1100 feet. The rest of the area within the reclamation boundary consists of steep sloped ridge area.

2. Hydrology. The project site does not contain any permanent surface water. During the winter precipitation period, sheet flow occurs off of the undisturbed ridge area and the quarry face. The alluvial area is primarily an area of percolation, ie. groundwater recharge. The eastern most portion of the site contains an intermittently flowing stream with a drainage area of approximately one square mile. Data on surface water quality indicates that some contamination from the Stringfellow acid waste pits has affected the winter stream flow in the channel. (Refer to "Engineering Study of Stringfellow Class I Disposal Site", Montgomery, James M. Consulting Engineers, Inc., October, 1976.) The future quality of surface water in the stream will depend upon how effective current cleanup measures turn out to be.

Groundwater is not known to occur in the granitic portion of the quarry site. The quarry site obtains its water for operations from Jurupa Community Services Hydrant.

3. Soils. The soils on the property are identified as being in the Cienega Rock Land Association (Data from Western Riverside Area Soil Survey, Soil Conservation Service). These soils are generally found on upland rocky areas with steep slopes. They are generally shallow, low fertility soils. The alluvial soil on the east portion of the site is a combination of Madera fine sandy loam and young alluvial soil. This is a capability III and IV type soil which will serve well for future reclamation. The cienega soil is subject to erosion and on steep slopes severe erosion potential exists. These soils are too shallow to warrant stockpiling. The areas that have been quarried and / or disturbed have had all soil removed and the remaining material consists of rocks and weathered parent material.

4. Biotic Community. The quarry area is a blend of natural and nonnative biotic communities. Undisturbed hill areas generally belong to the coastal sage scrub plant community. The quarry itself is devoid of vegetation and the alluvial area consists of native trees and exotics, especially red box (*Eucalyptus Polyanthemas*). In some alluvial areas "weedy" species have invaded and are the dominant plants. Common plants are identified in the Plant List Appendix A. A species of annual mint, Pringle Monardella (*Monardella Pringlei*) is considered rare and may be located at springs in nearby areas. The absence of springs within the reclamation boundary precludes its presence on site.

The faunal community at this site is very complex. Field observations indicate a large population of small mammals (mice and rabbits) and a commensurate population of raptors and carnivores. Owls are known to hunt in the area. The trees in the area provide good potential nesting sites as well as hunting perches. Coyotes appeared to be the dominant carnivores based on field observations. No rare threatened or endangered species are known to inhabit the area.

5. Land Use. Of the 60 acre site reserved for quarry operations in this reclamation plan approximately one half has been disturbed by historic quarry operations. Access is provided by a paved extension of Pyrite Avenue. The site has an extensive equipment storage area, working benches and quarry face. This area comprises approximately 30 acres. The rest of the site is relatively undisturbed. Adjacent uses are: West, open space and automobile dismantling yard; North, open space and abandoned ordnance manufacturing area and the Stringfellow Class I disposal site which has failed and is being reclaimed by the State; East, open space and an existing ordnance manufacturing facility; South, open space, operations building and weighing scales and ultimately Highway 60 and the Community of Glen Avon. In general this quarry is located in an area of uses that are compatible with its operations.

Proposed Operations:

A. Quarry operations at the existing site have been on going since at least the 1930's. The present owner has operated the quarry since 1967. Pyrite quarry has been operated intermittently since the present owner began operations. Based on existing rules and regulations under the Surface Mining and Reclamation Act the present operator has had a vested right of operations since 1976. Even though the only area requiring reclamation is the area quarried since 1976, the owner proposes to reclaim the whole quarry site at the end of operations. This is necessary since areas mined prior to 1976 are integrally tied to current operations.

B. The projected lifetime for this reclamation plan is 30 years. This is based on the intermittent operations of the quarry and a reasonable length of operation in which to initiate reclamation operations. Sufficient mineable rock lies adjacent to the quarry that its operational lifetime could be extended if desired; however no plans presently exist to do this.

C. The present mining method is a multibench rock quarry operation.

D. Rock quarry operations are carried out at the Pyrite site.

E.

1. Tonnage of mined material: Estimated as 100,000 TPY (tons per year)

2. Tonnage of waste overburden: A minimal amount of overburden is generated since almost all material will be used for construction operations. Estimated as 10,000 TPY.

3. Total tonnage to be handled: Estimated 110,000 TPY.

F. All quarry operations will be at or above the local surface level. Although not extending below the surface, the quarry will have walls or working faces that will result in vertical relief of 300' + - with 40' high by 20' wide benches from quarry top to floor at the end of the 30 year period. 1990 through 2020.

G. Processing operations are conducted at the Pyrite quarry. A rock crusher is used to reduce the size of rocks and to segregate them by size.

H. Current water consumption varies depending on the extent of operations. When rock is being quarried the operations consumes an estimated 5000 gallons per day. This water is used for dust control either during quarrying or during crushing operations.

Mining Plan:

A. The proposed progression of mining for the Pyrite Quarry is estimated at 100,000 TPY. Typical and stations 4,6,7,8 shows the final contours after 30 years of operation and the removal of 3,000,000 tons of rock.

B. As discussed above, quarry operations have been conducted at Pyrite for decades. Aside from heavy equipment and trucks for handling, loading and delivery of rock material, a part of the flat area adjacent to the quarry working area is used for storage of old equipment and equipment not currently being used. As necessary, additional equipment is brought to the quarry to meet operational requirements. As equipment is determined to be excess to needs it will be sold for scrap value.

C. Items C-1 through C-5 are maps that are provided in this report as Figures 1 through 8.

Reclamation Plan:

A. Refer to figures A-A, B-B, C-C, D-D, E-E, F-F for the cross-sections illustrating existing quarry topography. Refer to stations 4,6,7,8 and north typical illustrating final form in year 2020.

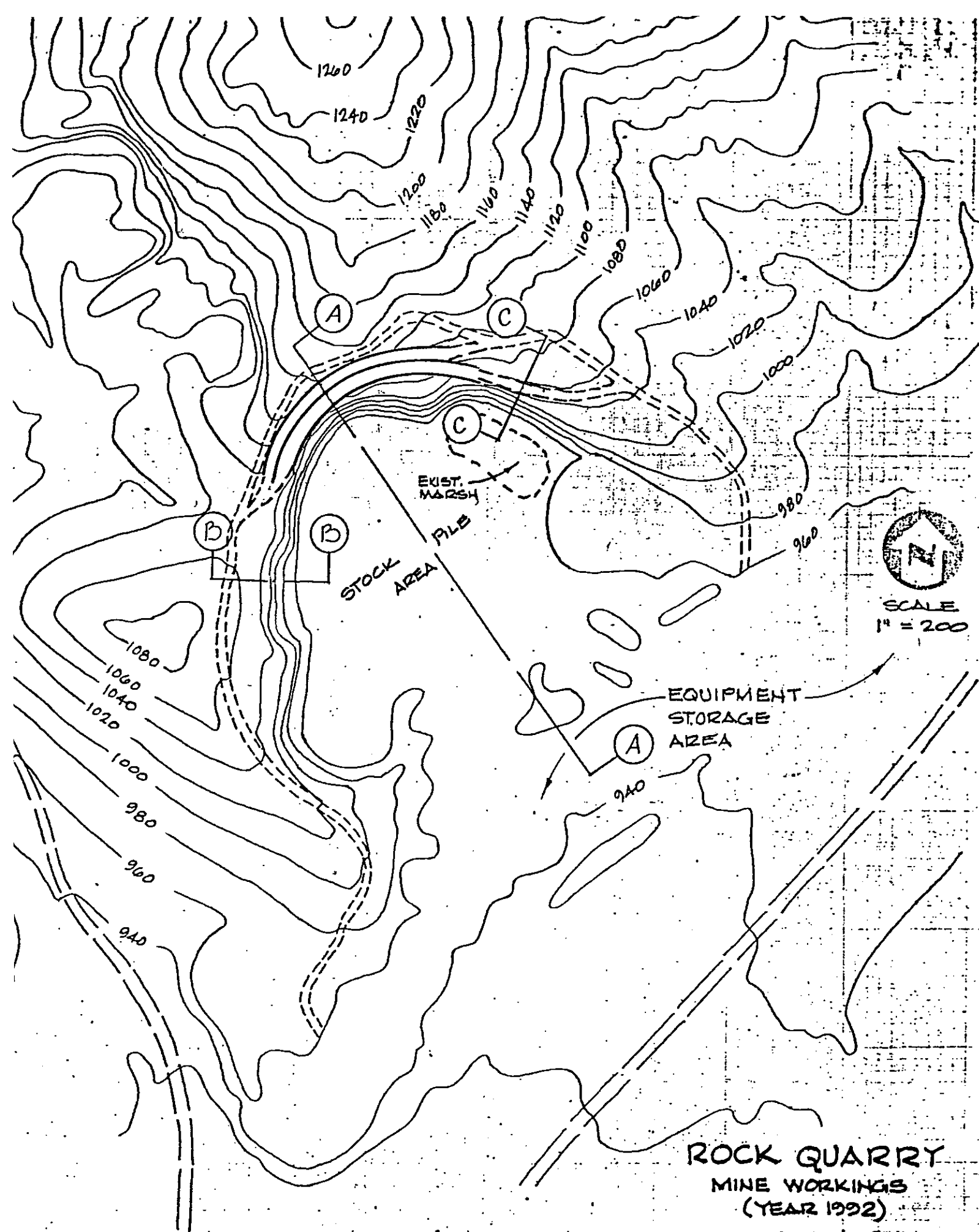
B. The area that will be reclaimed at the rock quarry is shown in Figure 3. Approximately 60 acres will be reclaimed based on 30 years of operation.

C. The rock quarry will remain essentially as it is now. A flat worked over area at the base of the high quarry working face. Some benches will be out into the working face as shown on the map typical and stations 4,6,7,8. In new working areas benches at 40 feet intervals will be worked. If a decision is made to utilize the quarry area for alternative uses, several possible uses exist. Depending on future zoning the flat quarry floor would make an ideal industrial area, particularly for ordinance industry uses which are already located in the adjacent area. The quarry face will be unusable in the future. The whole face area could be designated as open space without adversely effecting use of adjacent flat areas for industrial purposes. The face, of course, can serve only as non-functional open space.

D. The amount of soil that will be disturbed during quarry activity over the 30 year period will be minimal. This is a result of the amount of exposed face available for quarry operations. The soil that will be disturbed on the top of the ridge is extremely poor, thin soil with no stock pile value. At the end of quarry operations the fine material, although not actually soil, will be available for emplacement on flat areas. With proper fertilization and management this material should serve as an adequate growing medium which will eventually evolve into soil.

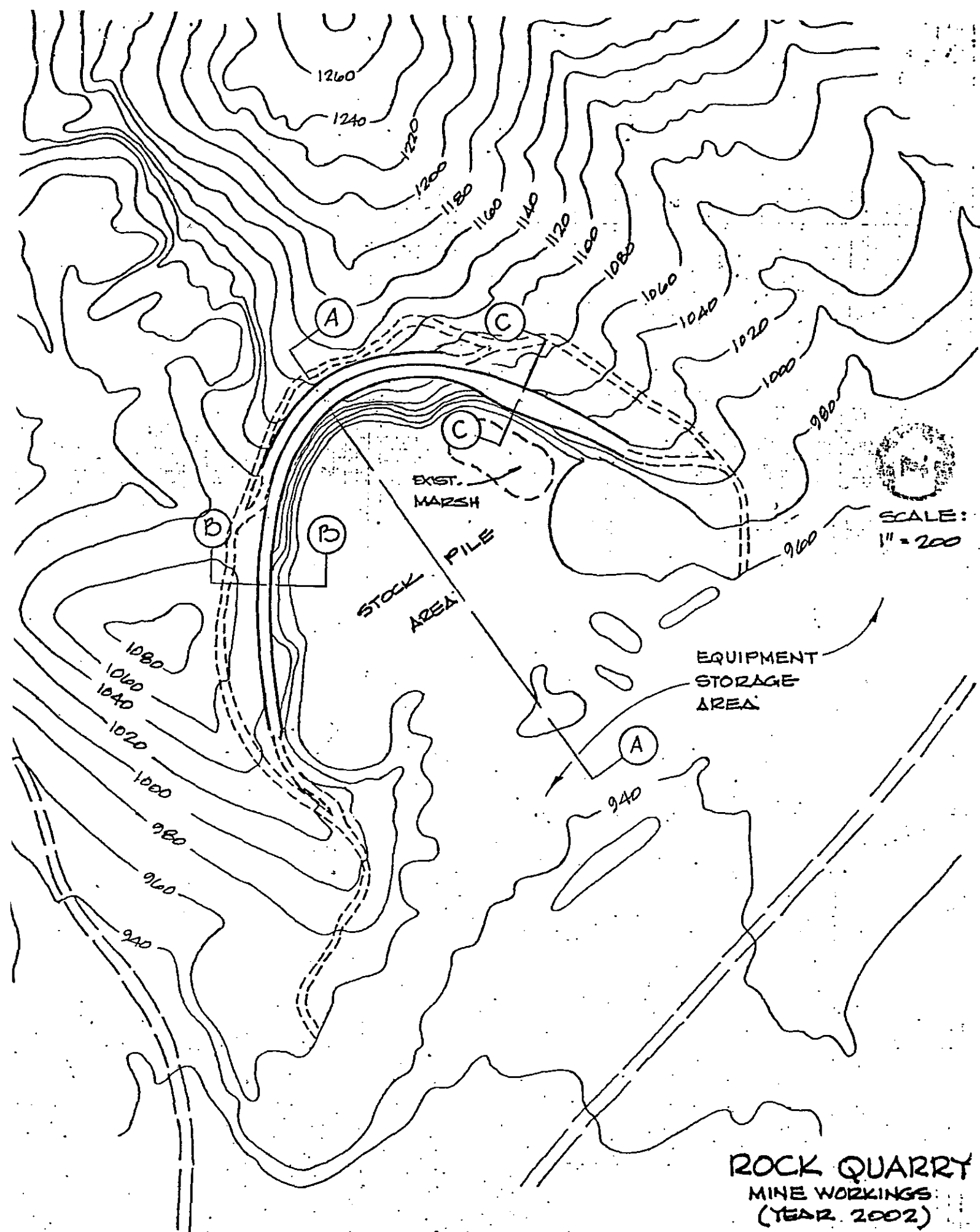
E. Reclamation Methods, Sequence and Timing.

1. The initial reclamation effort will consist of implementing safety measures. Fences will be placed so as to prevent access to the quarry face within six months after approval of this plan. Fenced areas will be properly signed in English and Spanish. Areas designated for storage of equipment and for access to the working face will be fenced and access will be controlled.
2. Backfilling and grading: Vertical quarry faces or walls will not be reclaimed by this method. The quarry floor will be covered with fine materials remaining from quarry operations and imported topsoil as necessary. A depth of 1 to 2 feet will be spread by loaders and graded. Quarry face benches will be left with no surface cover and a gentle slope away from the quarry face where runoff will be allowed to flow down the face. This reclamation operation will be done at the end of the mining operation. Unless otherwise noted, all reclamation measures will be implemented within one year after mine closure. The existing vertical quarry face is very stable, as is typical in most granitic rock quarries. The walls will be scaled (loose material knocked off) and left in their final mined state. The existing face does not exhibit any joint patterns that would indicate future instability. If such condition develops the slope will be modified to a safe non-hazardous angle and it will be properly stabilized by artificial means, if necessary. At the base of the main face a sufficient buffer area will be set aside to provide a rock fall space free of incompatible uses. Scaling and slope control will be undertaken at the end of operations.
3. The quarry operation will not generate any accumulative tailing pile. All materials will be consumed as generated except small quantities of fine material which will ultimately be used in reclamation. Material will be used as needed during the life of the quarry.
4. At present the only runoff from the quarry is on the face and then from the base of the cliff a small amount of runoff flows overland as sheet flow to the main runoff channel in Pyrite Canyon. Due to this unusual surface runoff setting at Pyrite Quarry, it is deemed wiser to allow runoff to continue to flow down the face to the existing quarry floor. This option provides the best opportunity to control or minimize erosion by collecting flow at the base of the impermeable face and allowing it to flow as sheet flow from this location. If in the future the runoff increases, a channel can be constructed to the Pyrite Canyon main channel, approximately 1/3 mile distant.
5. As previously noted part of the quarry area is used to store old equipment. All usable equipment will be removed at the end of operations, if the quarry is closed. All other equipment and debris will be disposed of by the operator at a proper disposal or recycling facility.



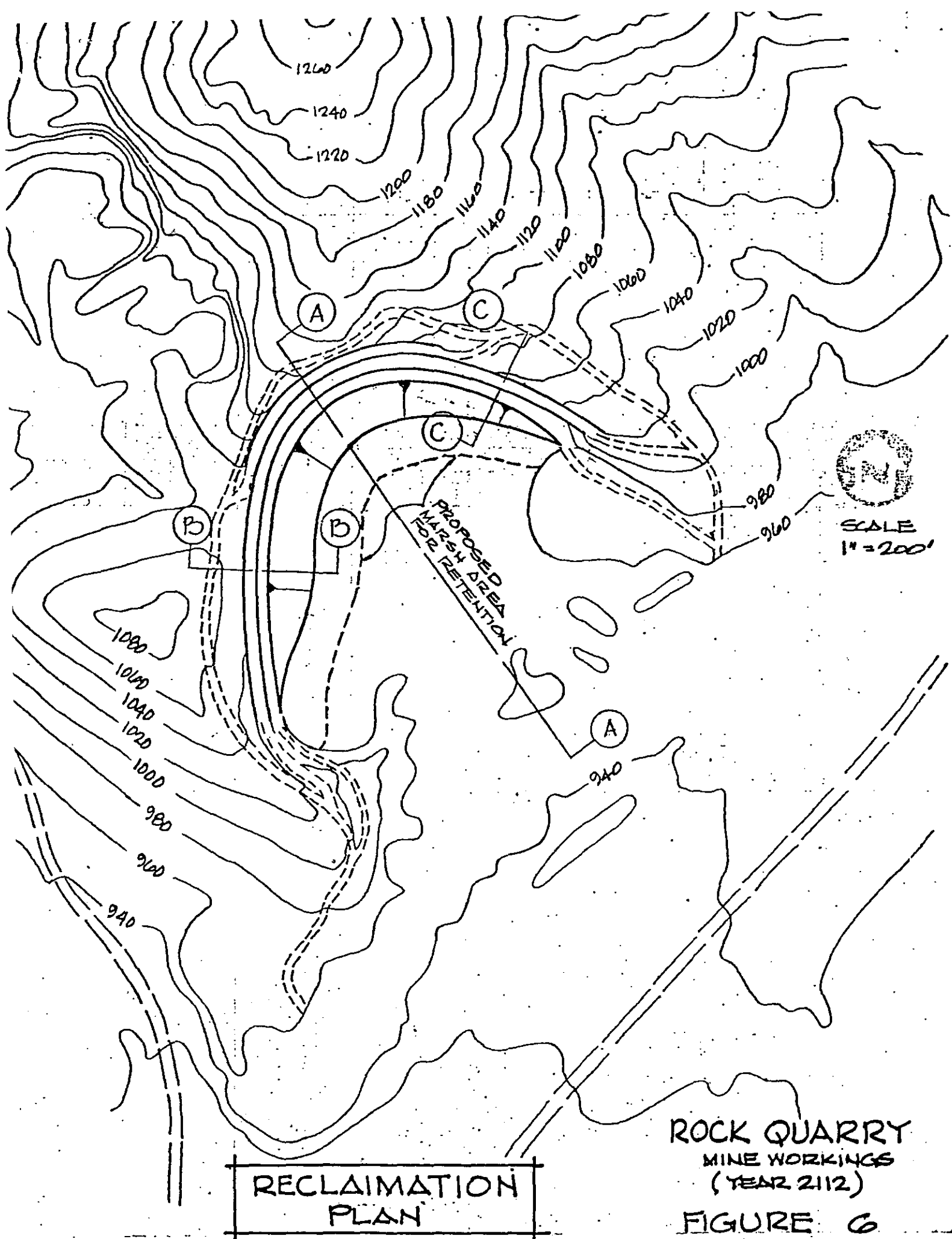
ROCK QUARRY
MINE WORKINGS
(YEAR 1992)

FIGURE 4



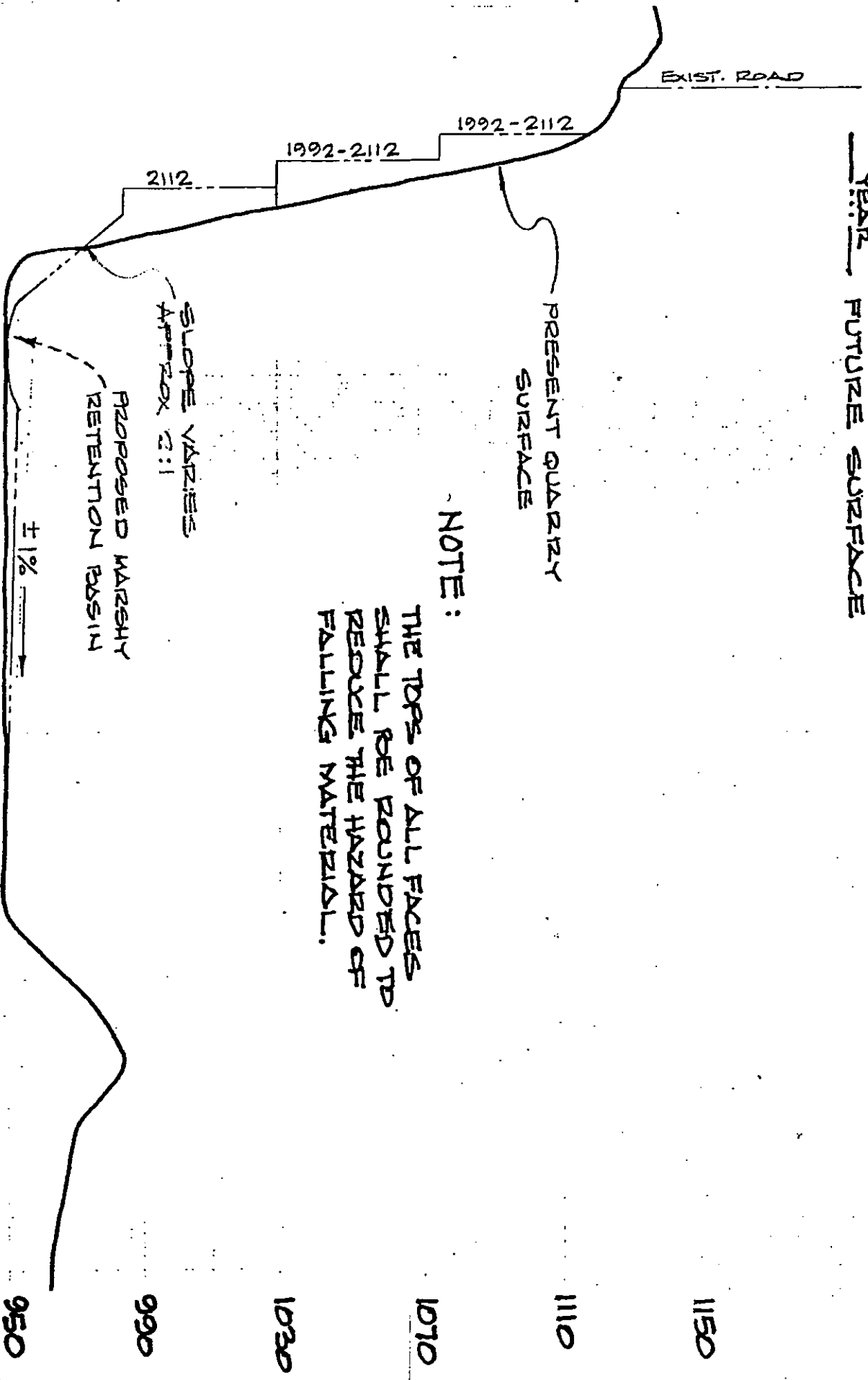
ROCK QUARRY
MINE WORKINGS
(YEAR 2002)

FIGURE 5



LEGEND

— PRESENT SURFACE
 — YEAR FUTURE SURFACE



NOTE:

THE TOPS OF ALL FACES SHALL BE ROUNDED TO REDUCE THE HAZARD OF FALLING MATERIAL.

SECTION A-A

SCALE

1" = 100' HORIZ.
 1" = 40' VERT.

FIGURE 7

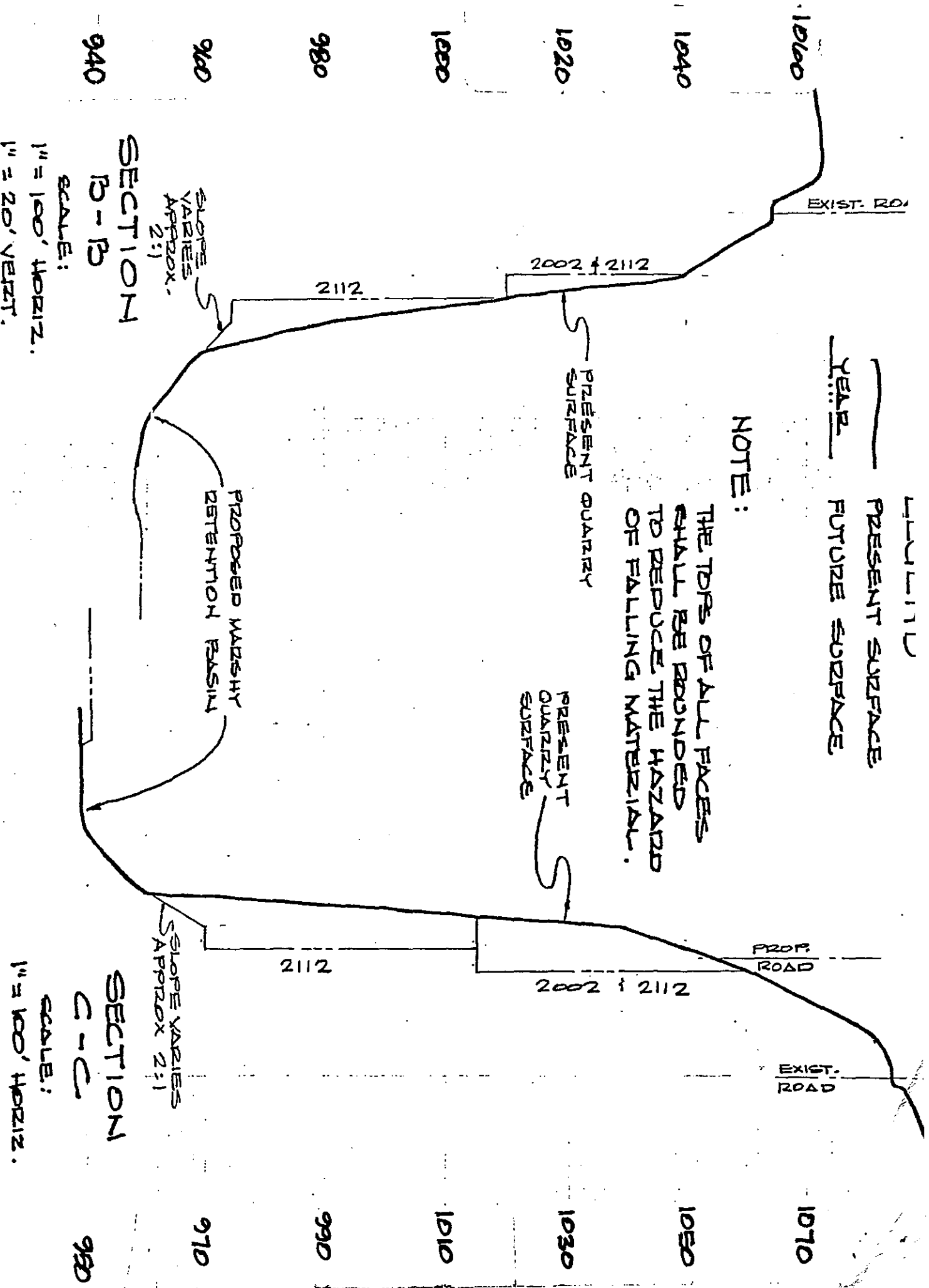


FIGURE 8

**DEPARTMENT OF CONSERVATION
OFFICE OF MINE RECLAMATION**

801 K Street, MS 09-06
SACRAMENTO, CA 95814-3529
PHONE: (916) 323-9198
FAX: (916) 322-4862

RECEIVED
SEP 18 1996

ADMINISTRATION
RIVERSIDE COUNTY
PLANNING DEPARTMENT



Telecommunications
Device for the Deaf
(916) 324-2555

September 10, 1996

Mr. Fred Resnick, Submitter
Paul Hubbs Construction Co.
3500 Pyrite Street
Riverside, CA 92509

RE: CA Mine ID# 91-33-0061, Harlow Quarry
CA Mine ID# 91-33-0062, Pyrite Quarry

Dear Mr. Resnick:

As you may know, Public Resources Code (PRC) Section 2770(a) (copy enclosed) requires lead agency approved financial assurances for surface mining operations. Additionally, mine operators are required to submit a copy of the financial assurance mechanism and proof of lead agency approval of the financial amount to the Department of Conservation (Department).

Our records indicate the above-referenced operations do not have a lead agency approved financial assurance or have not submitted the required information to the Department. If you have one or both of these items, it is important that they be sent to the Office of Mine Reclamation as soon as possible.

Since the Department is concerned with operators gaining compliance with the Surface Mining and Reclamation Act (SMARA), we will accept good-faith efforts toward complying with statute. To avoid penalties or mine closure actions, your good-faith efforts must result in a lead agency approved financial assurance for the above referenced operations. It is our expectation that the financial assurance requirements can be completed within approximately six (6) months.

As a measure of your good-faith effort, we will need the following from you within sixty (60) days of your receipt of this letter:

Fred Resnick
September 10, 1996
Page 2

- 1) Documentation that an adequate calculation of the financial assurance amounts, as required by Section 2773.1(a) of the PRC (enclosed) and California Code of Regulations (CCR) Section 3804 (enclosed), have been submitted to the lead agency for their review.
- 2) A timetable for full financial assurance compliance for the operations listed above. Again, it is our expectation that these financial assurance requirements can be completed within approximately six (6) months. The timetable should be completed in cooperation with your lead agency, and should include, at a minimum:
 - The name and telephone number of the lead agency contact.
 - The proposed date when your lead agency will submit the cost estimates to the Department for the required 45-day review.
 - The proposed date for final lead agency approval of the cost estimates.
 - The proposed date when you will submit the financial assurance mechanisms (e.g. bond, letter of credit, or trust fund) to the lead agency and the Department.

The proposed dates should be realistic and achievable, but the process should begin without delay. The lead agency should be consulted to develop these dates.

The Department is committed to assist you in your compliance efforts. However, mining operations which are not in compliance with the law are subject to PRC Section 2774.1, which allows for penalties of up to \$5,000 per day and for closure of operations without approved financial assurances. A substantial failure to meet the projected dates will be considered a breach of good faith and the Department will begin enforcement actions. I am confident, however, that operators, local governments, and the State can work together to gain compliance with SMARA.

Please send the documentation and timetable to:

Department of Conservation
Office of Mine Reclamation
801 K Street, MS 09-06
Sacramento, CA 95814-3529

Fred Resnick
September 10, 1996
Page 3

Additionally, a review of our files indicates that you have not provided our office with the information requested for each of these operations in previous correspondence and in Administrative Penalty cases 91-33-61-94A and 91-33-62-94A. **You must provide this information to our office within 30 days of your receipt of this letter or an additional administrative penalty will be assessed.** Following is a summary of the outstanding deficiencies *for each* operation:

- Completed 1992 Mining Operation Annual Reports with appropriate reporting fees, late fees, and interest.
- The name of a designated individual, who will act as the agent, who resides in this State, and who will receive and accept service of all orders, notices, and processes of the lead agency, Board, Department of Conservation, or court.
- A copy of a "lead agency approved" reclamation plan.
- Proof of lead agency approval of the reclamation plan.
- A copy of the financial assurance mechanism approved by the lead agency.
- Proof of SMARA lead agency approval of the financial assurance.
- The approximate boundaries of the operation, marked on a named, USGS 15-minute or 7 1/2-minute topographic quadrangle map.
- The location of the mining operation by latitude, longitude, and its section, township, and range.
- The approximate **disturbed** acreage at the beginning of the 1993 calendar year.
- The approximate **acreage newly disturbed** during the 1993 calendar year.
- The approximate acreage **reclaimed** during the 1993 calendar year.
- The approximate **disturbed** acreage remaining at the end of the 1993 calendar year.

Fred Resnick
September 10, 1996
Page 4

Further, a review of your 1994 and 1995 annual reports indicates that the following information has not been received by the Department. Until this information is received we cannot consider the respective report complete:

- The approximate **disturbed** acreage at the beginning of the 1994 and 1995 calendar years.
- The approximate **acreage newly disturbed** during the 1994 and 1995 calendar years.
- The approximate acreage **reclaimed** during the 1994 and 1995 calendar years.
- The approximate **disturbed** acreage remaining at the end of the 1994 and 1995 calendar years.

Public Resources Code Section 2207(c) requires that this information also be submitted to our office within 30 days of your receipt of this letter our additional administrative penalties may be assessed. I encourage you to deal with matter while it is still at hand and to prevent the assessment of further penalties.

If you have any questions regarding this matter, please contact our office at (916) 323-9198. Thanks you for your cooperation.

Sincerely,



Cameron Downey
Compliance Engineer

cc: Riverside County Planning Department

**DEPARTMENT OF CONSERVATION
OFFICE OF MINE RECLAMATION**

801 K Street, MS 09-06
SACRAMENTO, CA 95814-3529
PHONE: (916) 323-9198
FAX: (916) 322-4862



Telecommunications
Device for the Deaf
(916) 324-2555

RECEIVED
SEP 18 1996

ADMINISTRATION
RIVERSIDE COUNTY
PLANNING DEPARTMENT

September 10, 1996

Mr. Fred Resnick, Submitter
Paul Hubbs Construction Co.
3500 Pyrite Street
Riverside, CA 92509

RE: CA Mine ID# 91-33-0061, Harlow Quarry
CA Mine ID# 91-33-0062, Pyrite Quarry

Dear Mr. Resnick:

As you may know, Public Resources Code (PRC) Section 2770(a) (copy enclosed) requires lead agency approved financial assurances for surface mining operations. Additionally, mine operators are required to submit a copy of the financial assurance mechanism and proof of lead agency approval of the financial amount to the Department of Conservation (Department).

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As a measure of your good-faith effort, we will need the following from you within sixty (60) days of your receipt of this letter:

Fred Resnick
September 10, 1996
Page 2

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- 2) A timetable for full financial assurance compliance for the operations listed above. Again, it is our expectation that these financial assurance requirements can be completed within approximately six (6) months. The timetable should be completed in cooperation with your lead agency, and should include, at a minimum:
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Department of Conservation
Office of Mine Reclamation
801 K Street, MS 09-06
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Fred Resnick
September 10, 1996
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Fred Resnick
September 10, 1996
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If you have any questions regarding this matter, please contact our office at (916) 323-9198. Thanks you for your cooperation.

Sincerely,


Cameron Downey
Compliance Engineer

cc: Riverside County Planning Department

PYRITE CANYON GROUP, INC.

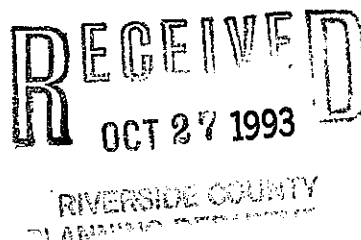


3200 C Pyrite Street
Riverside, CA 92509
(909) 360-0122
(909) 360-0596 FAX

Daniel Bergman
Executive Director
(909) 360-0425

Chuck R. McLaughlin
Director of Operations
(909) 360-0595

Rohini H. Dasika
Project Task Coordinator
(909) 360-0122



October 25, 1993

Mr. Mark Balys, Principal Planner
County of Riverside, Planning Department
County Administrative Center
4080 Lemon Street, 9th Floor
P.O. Box 1409
Riverside, CA 92502-1409

Dear Mr. Balys:

This letter is being issued as a follow-up to the September 30 meeting held at your offices with our prime contractor, Bechtel Environmental, Inc. The subject of the discussion was construction activity at the Stringfellow Hazardous Waste Site in Riverside County. As you are aware, Stringfellow is a Federal Superfund Site, now managed under the requirements of CERCLA. Under CERCLA, the USEPA has authority over all activity conducted on site including over all activity related to remediation conducted on adjacent property.

This fall, work is planned for the construction of a shaft to serve as a staging area for drilling a horizontal well(s) approximately 500 feet in length and construction of support facilities to extract groundwater from the horizontal well(s). This work is being performed in accordance with requirements of the Consent Decree (CD), dated July 30, 1992, which executes response actions of the fourth Record of Decision involving civil action resulting from United States et. al. v. J.B. Stringfellow et. al. Civ. No. 83-2501, JMI (MX) (C.D. CA).

Pyrite Canyon Group (PCG), the operating entity for the settling defendants, has entered into contract with Bechtel Environmental, Inc (BEI) to execute and perform on the behalf of PCG certain aspects of the CD including the element of work which includes the proposed vertical shaft and support facilities. Although the contract between PCG and BEI is a confidential document, both a Work Plan and a Design Report approved by EPA and concurred with by DTSC are available for your review. These documents detail the activities to be conducted as a part of the shaft construction.

As the prime contractor for PCG, BEI is responsible for the execution of this CD Element of Work component entitled "Bedrock Hydraulic Control." BEI will select a subcontractor(s) to construct the shaft and support facilities subject to the approval of PCG, USEPA, and the State of California Department of Toxic Substances Control. The design of the shaft is under review and concurrence by the State of California Occupational Safety and Health Administration.

Enclosed for your information is a letter of agreement with Hubbs Construction Co. granting permission to construct the shaft on their property on a site map indicating the location of the proposed shaft.

As indicated during the September 30 meeting, the County of Riverside does not need to issue a construction permit for the shaft and its support facilities. However, PCG will continue to keep the county informed of the construction activities associated with Stringfellow site.

Should you or other members of the County Planning Department require additional information, please contact either me or the BEI Project Manager, Krish Kapur at 310/807-2571.

Sincerely,



Dan Bergman
Director, Pyrite Canyon Group

Enclosure: PCG/Hubbs Ltr Dt'd 7-30-93
Site Location Map

PYRITE CANYON GROUP, INC.

3200 C Pyrite Street
Riverside, CA 92509
(909) 360-0425
(909) 360-0596 FAX

Daniel Bergman
President



Board of Directors

Alumax Inc.
The Deutsch Co.
General Electric Co.
McDonnell Douglas Corp.
Montrose Chemical of CA
NI Industries, Inc.
Northrop Corp.

Quantum Chemical Corp.
Quemetco, Inc.
Rheem Manufacturing Co.
Rockwell International Corp.
Rohr Industries, Inc.
Rhone-Poulenc Chemical Co.
Weyerhaeuser Co.

July 30, 1993

Mr. Paul J. Hubbs
3500 Pyrite Street,
Riverside, CA 92509

Dear Mr. Hubbs:

STRINGFELLOW HAZARDOUS
WASTE SITE 22020

AUG 02 1993

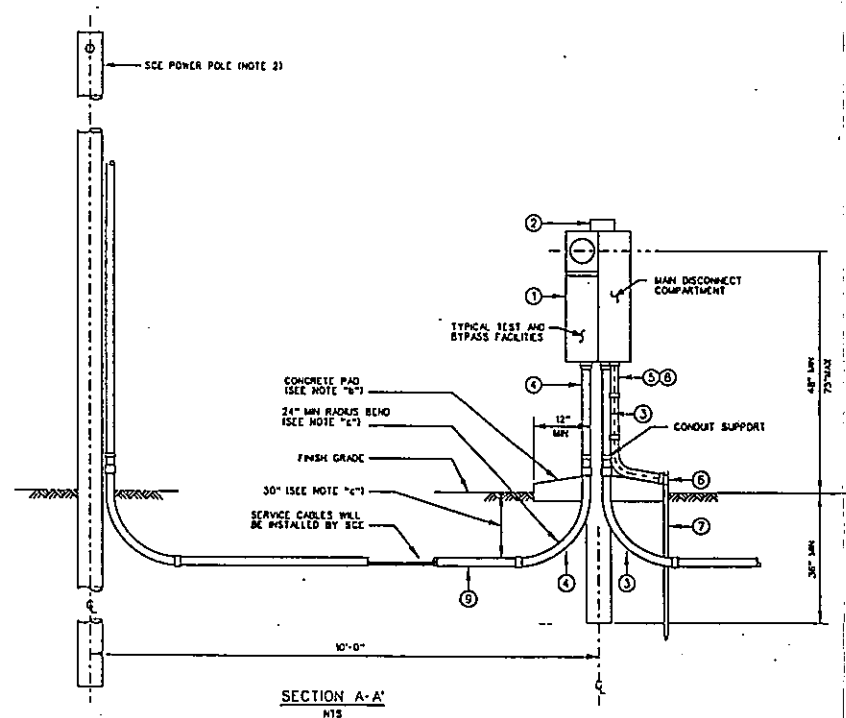
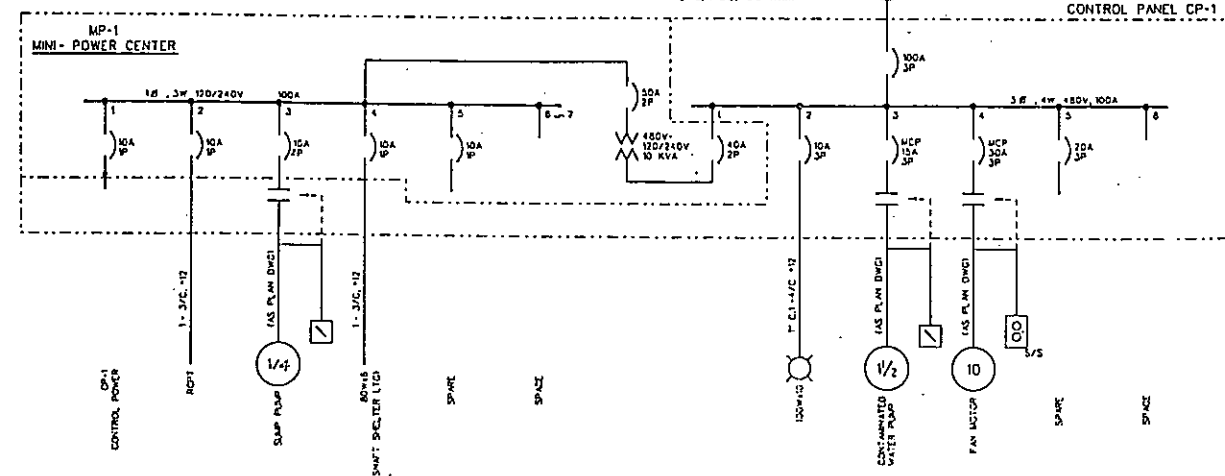
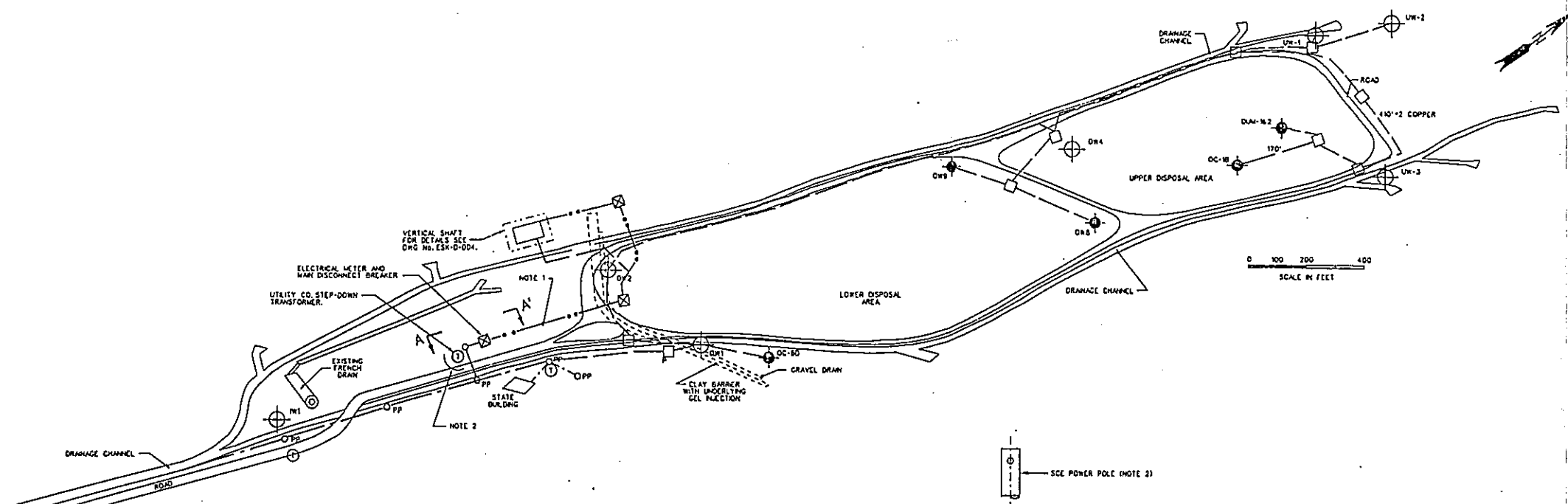
RECEIVED

As we previously discussed, the Pyrite Canyon Group, Inc. is interested in obtaining access to your property to perform work required by a Consent Decree (United States District Court for the Central District of California; Civil Action No. 83-2501 JMI (MX)).

Specifically, the work to be performed includes those items described in my letter of July 14, 1993 to you (which is incorporated by reference), as well as the construction, installation, operation and maintenance of surface shot-crete extensions of existing drainage channels on the eastern and western perimeters of the Stringfellow CERCLA Site and two horizontal wells approximately 150' in length to be installed on portions of the Hubbs' property lying approximately 400'- 600' upgradient (North) of Zone-1 of the Stringfellow CERCLA Site (project plans incorporated herein as Attachment A-1).

Property access for the work described herein shall include permission for Pyrite Canyon Group, Inc., (hereinafter "Pyrite"), its contractors and subcontractors and the United States Environmental Protection Agency, State of California Department of Toxic Substances Control and their representatives to access the subject property for purposes of implementing the requirements of the above referenced Consent Decree.






As a condition to your granting access to Pyrite, Pyrite hereby agrees to be responsible for and shall hold harmless, defend and indemnify the owners of the subject property (Paul J. Hubbs, Lucile M. Hubbs and Paul Hubbs Construction Co.) from and against any and all claims, demands, damages, penalties and expenses, including reasonable attorneys fees, arising from the activities of Pyrite, its contractors and/or subcontractors in performing the work described herein to be conducted on the Hubbs' property.



- NOTES:**
- a) THE CONTRACTION SHALL INSTALL SERVICE CONDUIT AS REQUIRED BY SCE. THE CONTRACTION SHALL INSTALL LOAD SIDE CONDUIT AND CONDUCTORS IN ACCORDANCE WITH THIS DRAWING.
 - b) POURED CONCRETE PAD SHALL BE APPROXIMATELY 4" THICK. PROVIDE 1/2" SLOPE AWAY FROM POST TO ALLOW FOR DRAINAGE.
 - c) SHALL BEND IN DIRECTION OF SERVICE TRENCH TO FACILITATE CABLE INSTALLATION. ONLY ONE 90° BEND IS PERMITTED IN THE SERVICE TRENCH. IF A 90° DEEP TRENCH IS REQUIRED, A 24" MIN. RADIUS BEND MUST EXTEND TO SAME DEPTH AS CABLE WILL BE IN THE TRENCH.


ITEM	DESCRIPTION
1	SERVICE TERMINATION ENCLOSURE, COORDINATION METER SOCKET PANEL
2	POST, 4" X 8" X 8'-0" LONG DR 6" DIAMETER X 8'-0" LONG, FLAT TREATED
3	2" PVC CONDUIT, SCH. 80.
4	CONDUIT, SERVICE RISER, RIGID STEEL, GALV. DR SCH. 80 PVC CONDUIT, 2" SERVICE CABLE.
5	CONDUIT, RIGID STEEL GALV. WITH PLY STRAP, 110R BARE COLDING WIRE, GWT IF ARMOR CLAD WIRE USED
6	HUB AND CLAMP, CROWDING, TO SUIT ITEM 5
7	CROWDING ROD (SEE NOTE 4, SHEET 11)
8	CROWDING WIRE, COPPER, BARE OR ARMOR CLAD (SIZE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE)
9	PVC CONDUIT, SIZE AND MATERIAL AS REQUIRED BY SCE.
10	BUSHING, DR END, NELL CONDUIT TO SUIT ITEM 4.

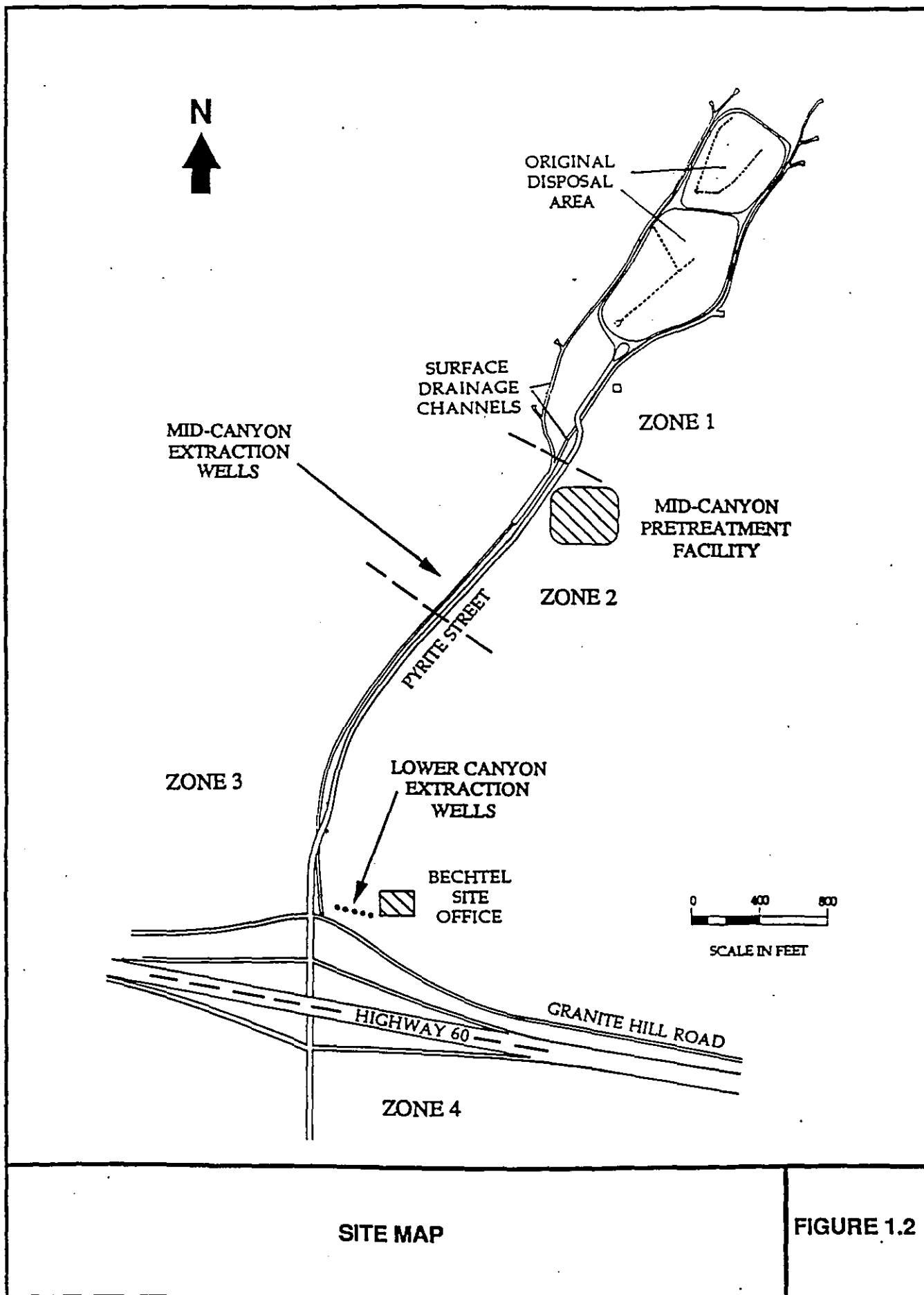
LEGEND

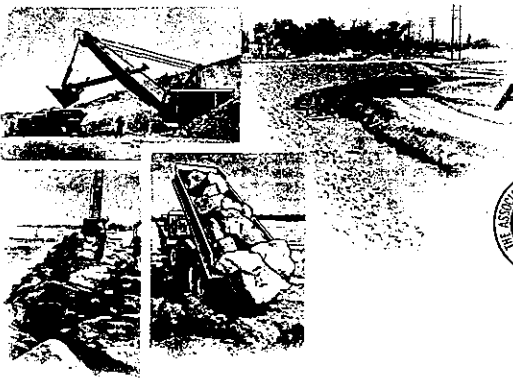
- ON1  EXISTING EXTRACTION WELL
 ON2  NEW ZONE 1 EXTRACTION WELL
 EXISTING JUNCTION BOX
 NEW JUNCTION BOX
 PP  POWER POLE
 ① 25 KVA - 120/240 V 3ØW -
 ——— EXISTING OVERHEAD LINE
 ——— EXISTING UNDERGROUND CONDUIT
 — 6" — NEW UNDERGROUND CONDUIT
 — OH — NEW OVERHEAD LINE

NOTES

1. NEW UNDERGROUND DOWNGUTS SHALL BE INSTALLED WITH 2" PVC WATER LINC FOR DETAILS SEE SECTION A THIS DRAWING.
2. NEW OVERHEAD LINC, POWER POLE, STEP-DOWN TRANSFORMERS, AND THE CABLES CONNECTED FROM TRANSFORMER TO THE METER WILL BE INSTALLED BY SOUTHERN CALIFORNIA Edison UTILITY CO. CO.

△															
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△	80/19/93	ISSUED FOR REVIEW					LN	REV	REV						
NO.	DATE	REVISIONS					BY	CHKD	DESIGN	CLERK	ENGR	PROJ	DRWN	APP	
SCALE AS SHOWN		REDUCED CCC					DRAWN		LN						
BECHTEL NATIONAL, INC.															
PYRITE CANYON GROUP STRINGFELLOW PROJECT															
PERMANENT SHAFT FACILITIES OVERALL SITE ELECTRICAL PLOT PLAN AND SINGLE LINE DIAGRAM															
	JOB NO.					DRAWING NO.					REV.				
	22020-005					ESK-D-006					A				





PAUL HUBBS CONSTRUCTION CO.

GENERAL ENGINEERING CONTRACTOR • RIP RAP, "RIVERS AND HARBORS"



3500 PYRITE STREET • RIVERSIDE, CALIFORNIA 92509
TELEPHONE (909) 360-3990 • FAX (909) 360-3991

FEBRUARY 5, 1997

County of Riverside
Transportation and Land Management Agency
Building and Safety Department
P.O. Box 1040
Riverside, CA 92502-1440

Attn: Steve Dondalski

Subject: Pyrite Quarry
Re: Reclamation Estimate
RP #123
CA Mine ID #91-33-0062

EB 11 1997
RIVERSIDE COUNTY
BUILDING DEPARTMENT

Dear Steve:

I am writing this letter in regards to "Surface Mining Permit #RP 123, California Mine ID #91-33-0062" and the requirement to post Financial Assurance.

Pursuant to Sections 2770 and 2773.1 of the Surface Mining and Reclamation Act of 1975 which require mine operators to obtain lead agency approved financial assurance for reclamation, I hereby request review and approval of our financial assurance estimate.

We have used State guidelines in preparing this estimate. We have also used a bid from M.J. Baxter Drilling Company for the drilling and blasting of the oversteepened cut rock slopes.


We prepared the estimate using equipment costs from the "Caterpillar Performance Handbook". Labor rates were based on our in house labor rates.

There are no costs allocated for demolition of structures. The only buildings and structures within the reclamation boundaries are of a portable and temporary nature and can be removed at a minimal expense which would be considerably less than their sale or salvage value.

Please submit the enclosed estimate for approval to the Department of Conservation. Upon acceptance of the estimate we will either post a surety bond or trust funds, depending on the final bond cost. I have enclosed a letter from our bonding company, Sullivan and Curtis, stating that they will provide the necessary bond. In addition, if necessary, we have the resources to post trust funds, if the final bond cost is prohibitive.

Should you have any questions or comments, please feel free to call me at (909) 360-3990.

Respectfully,
Paul Hubbs Construction Co., Inc.


Fred L. Resnick, Controller

Enclosures: Reclamation estimate
Letter from bonding company

cc: Steven A. Kupferman, Riverside County Planning Department
4080 Lemon St., 9th Floor
Riverside, CA 92501

Lawrence J. Goldzband, Department of Conservation
801 K Street
Sacramento, CA 95814-3528

RECLAMATION ESTIMATE

CA MINE ID #91-33-0062

1) Removal of Roads

Task:

Recontour all roadways, rip road beds to prepare for topsoil replacement.

Length of road: 2,700'

Width of road: 20'

Total acres: 1.2 ACRES

A) Equipment

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1)D8N Dozer	1	\$46.00	16	\$ 736.00
2)Water Truck	1	\$38.00	8	\$ 304.00
Total Equipment Cost				\$1040.00

B) Labor

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1)Eq. Operator	1	\$23.00	16	\$ 368.00
2)Trk. Driver	1	\$17.50	8	\$ 140.00
Total Labor Cost				\$ 508.00

C) Total Direct Costs

\$1548.00

RECLAMATION ESTIMATE

2) Regrade Pit Areas

Task:

Reduce bench faces to 1 1/2:1 slopes. Requires blasting to remove over steepened slopes. Regrade slopes using 1 D-9L Dozer with average push distance of 40 feet.

Total Grading: 100,500 Cu Yds Total Blasting: 85,000 Cu Yds

Total Acres: 2.3

A) Equipment

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1) D-9L Dozer	1	\$80.00	80	\$ 6,400.00
2) Baxter/Cu Yd	85,500	.70/Yd		\$59,850.00
Total Equipment Cost				\$66,250.00

B) Labor

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1) Dozer Operator	1	\$23.00	80	\$1,840.00
Total Labor Cost				\$1,840.00

C) Total Direct Cost

\$68,090.00

RECLAMATION ESTIMATE

3) Replace Topsoil

Task:

Replace topsoil to a depth of 1 ft. over quarry floor as surfaces as prescribed in approved reclamation plan.

Total Cubic Yards: 11,800

Total Acres: 7.3

A) Equipment

<u>Item</u>	<u>Quantity</u>	<u>\$/hr</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1) Cat 769 End Dump	1	\$43.00	16	\$ 688.00
2) D-8N Dozer	1	\$46.00	16	\$ 736.00
3) 12-G Blade	1	\$18.00	16	\$ 288.00
4) Water Truck	1	\$38.00	16	\$ 608.00
Total Equipment Cost				\$2,320.00

B) Labor

<u>Item</u>	<u>Quantity</u>	<u>\$/hr</u>	<u>Total Hours</u>	<u>Total Hours</u>
1)Cat 769 Driver	1	\$23.00	16	\$ 368.00
2)Dozer Oper.	1	\$23.00	16	\$ 368.00
3)Blade Oper.	1	\$23.00	16	\$ 368.00
4)Truck Driver	1	\$17.50	16	\$ 280.00
Total Labor Cost				\$1,384.00

C)Total Direct Cost

\$ 3,704.00

RECLAMATION ESTIMATE

4) Seeding & Revegetation Costs

Task:

Seed approximately 8.5 acres of disturbed land , plant trees and install barbed wire fence per the approved reclamation plan. Use seed and tree species as approved.

A) Cost per acre per Pacific Southwest Biological Services.

\$800.00	Cost of seed & labor per acre
x 8.50	Acres
<hr/>	
\$ 6,800.00	

B) Trees as per Tarzian Landscape Construction estimate.

155 ea. 5 gal Euc. Polyanthemom

\$ 21.00	per tree
x 155	trees
<hr/>	
\$3,255.00	

C) 2 strand barbed wire fence.

1900 linear feet @ \$3.50 per foot.

\$ 3.50	per l/f
1900	l/f
<hr/>	
\$6,650.00	

D) Total Direct Costs

\$16,705.00

RECLAMATION ESTIMATE

5) Total Reclamation Costs as of February 5, 1997

Total Direct Cost		\$ 90,047.00
Mobilization Cost	@ 2.5%	\$ 2,251.18
Supervision Cost	@ 4%	\$ 3,601.88
Profit & Overhead Cost	@ 11%	\$ 9,905.17
Contingency	@ 10%	\$ 9,004.70
Total Cost		<u>\$114,809.93</u>

Sullivan & Curtis

Risk Management
Insurance Exchange

2100 MAIN STREET
IRVINE, CALIFORNIA 92614
TELEPHONE (714) 250-7172
FACSIMILE (714) 852-9762
CA LICENSE NO. 0721187

Irvine • Pasadena
Honolulu • Seattle

TRANSMISSION VIA FAX - 1 PAGE

MEMO

February 3, 1997

**Mr. Fred Resnick, Controller
Paul Hubbs Construction
3500 Pyrite Street
Riverside, CA 92509**

RE: Bonds for the Pyrite and Harlow quarries

Fred:

As a follow to our phone conversation earlier today, please be advised that we will provide you with the necessary bonds as needed for security at the above referenced locations as soon as you need them.

Please be advised that issuance of said bonds will be made upon review and acceptance of the pertinent documents to which the bonds guarantee. Acceptance of the documents will be made by Fireman's Fund, your surety for all other bonding matters.

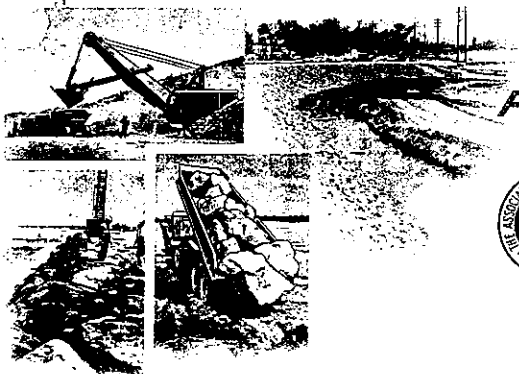
Additionally, the cost of each bond will be determined when the actual bond amount is calculated.

Should you have any questions, please do not hesitate to contact me.

**Sincerely,
Sullivan & Curtis**

**Philip E. Vega
Vice President - Bond Dept.**





PAUL HUBBS CONSTRUCTION CO.

GENERAL ENGINEERING CONTRACTOR • RIP RAP, "RIVERS AND HARBORS"



3500 PYRITE STREET • RIVERSIDE, CALIFORNIA 92509
TELEPHONE (909) 360-3990 • FAX (909) 360-3991

FEBRUARY 24, 1997

County of Riverside
Transportation and Land Management Agency
Building and Safety Department
P.O. Box 1040
Riverside, CA 92502-1440

Attn: Steve Dondalski

Subject: Pyrite Quarry
Re: Reclamation Estimate
RP #123
CA Mine ID #91-33-0062

Dear Steve:

I have attached the revised reclamation estimate for Pyrite Quarry, RP #123, CA Mine ID #91-33-0062. The only change made was in the Seeding & Revegetation costs. I have adjusted the acreage of seeding to reflect the 36.5 acres of flat land that is to be seeded as outlined in our approved reclamation plan and as verified (for acreage only) by Hunaker & Associates, letter attached. As we discussed, the benched areas, although disturbed, do not call for seeding.

Should you have any questions or comments, please feel free to call me at (909) 360-3990.

Respectfully,
Paul Hubbs Construction Co., Inc.


Fred L. Resnick, Controller

cc: Steven A. Kupferman, Riverside County Planning Department
4080 Lemon St., 9th Floor
Riverside, CA 92501

Pam Ceccarelli, Department of Conservation
Division of Mine & geology
801 K Street
Sacramento, CA 95814-3528

RECLAMATION ESTIMATE

CA MINE ID #91-33-0062

1) Removal of Roads

Task:

Recontour all roadways, rip road beds to prepare for topsoil replacement.

Length of road: 2,700' Width of road: 20'
Total acres: 1.2 ACRES

A) Equipment

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1)D8N Dozer	1	\$46.00	16	\$ 736.00
2)Water Truck	1	\$38.00	8	\$ 304.00
Total Equipment Cost				\$1040.00

B) Labor

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1)Eq. Operator	1	\$23.00	16	\$ 368.00
2)Trk. Driver	1	\$17.50	8	\$ 140.00
Total Labor Cost				\$ 508.00

C) Total Direct Costs

\$1548.00

RECLAMATION ESTIMATE

2) Regrade Pit Areas

Task:

Reduce bench faces to 1 1/2:1 slopes. Requires blasting to remove over steepened slopes. Regrade slopes using 1 D-9L Dozer with average push distance of 40 feet.

Total Grading: 100,500 Cu Yds Total Blasting: 85,000 Cu Yds

Total Acres: 2.3

A) Equipment

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1) D-9L Dozer	1	\$80.00	80	\$ 6,400.00
2) Baxter/Cu Yd	85,500	.70/Yd		\$59,850.00
Total Equipment Cost				\$66,250.00

B) Labor

<u>Item</u>	<u>Quantity</u>	<u>\$/hr.</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1) Dozer Operator	1	\$23.00	80	\$1,840.00
Total Labor Cost				\$1,840.00

C) Total Direct Cost	\$68,090.00
----------------------	-------------

RECLAMATION ESTIMATE

3) Replace Topsoil

Task:

Replace topsoil to a depth of 1 ft. over quarry floor as surfaces as prescribed in approved reclamation plan.

Total Cubic Yards: 11,800

Total Acres: 7.3

A) Equipment

<u>Item</u>	<u>Quantity</u>	<u>\$/hr</u>	<u>Total Hours</u>	<u>Total Cost(\$)</u>
1) Cat 769 End Dump	1	\$43.00	16	\$ 688.00
2) D-8N Dozer	1	\$46.00	16	\$ 736.00
3) 12-G Blade	1	\$18.00	16	\$ 288.00
4) Water Truck	1	\$38.00	16	\$ 608.00
Total Equipment Cost				\$2,320.00

B) Labor

<u>Item</u>	<u>Quantity</u>	<u>\$/hr</u>	<u>Total Hours</u>	<u>Total Hours</u>
1)Cat 769 Driver	1	\$23.00	16	\$ 368.00
2)Dozer Oper.	1	\$23.00	16	\$ 368.00
3)Blade Oper.	1	\$23.00	16	\$ 368.00
4)Truck Driver	1	\$17.50	16	\$ 280.00
Total Labor Cost				\$1,384.00

C)Total Direct Cost

\$ 3,704.00

RECLAMATION ESTIMATE

4) Seeding & Revegetation Costs

Task:

Seed approximately 8.5 acres of disturbed land , plant trees and install barbed wire fence per the approved reclamation plan. Use seed and tree species as approved.

A) Cost per acre per Pacific Southwest Biological Services.

\$800.00	Cost of seed & labor per acre
x 36.50	Acres
<hr/>	
\$29,200.00	

B) Trees as per Tarzian Landscape Construction estimate.

155 ea. 5 gal Euc. Polyanthemom

\$ 21.00	per tree
x 155	trees
<hr/>	
\$3,255.00	

C) 2 strand barbed wire fence.

1900 linear feet @ \$3.50 per foot.

\$ 3.50	per l/f
1900	l/f
<hr/>	
\$6,650.00	

D) Total Direct Costs

\$39,105.00

RECLAMATION ESTIMATE

5) Total Reclamation Costs as of February 5, 1997

Total Direct Cost		\$112,447.00
Mobilization Cost	@ 2.5%	\$ 2,811.18
Supervision Cost	@ 4%	\$ 4,497.88
Profit & Overhead Cost	@ 11%	\$ 12,369.17
Contingency	@ 10%	\$ 11,244.70
		<hr/>
Total Cost		\$143,369.93

WILLIAM C. KATZENSTEIN
COUNTY COUNSEL

OFFICE OF THE
COUNTY COUNSEL
RIVERSIDE COUNTY
3535 TENTH STREET, SUITE 300
RIVERSIDE, CALIFORNIA 92501-3674
TELEPHONE (714) 787-2421

February 27, 1990

John Boyd
Thompson & Colegate
3610 Fourteenth St.
Riverside, CA 92501

RECEIVED
APR 03 1990

RIVERSIDE COUNTY
PLANNING DEPARTMENT

Re: Pyrite Canyon Quarry

Dear Mr. Boyd:

After extensive review of the records within County files and the material you have forwarded to our offices, there were various discussions regarding the application of Riverside County Ordinance No. 555 to the above-referenced site.

It has been noted that the State Department of Health Services, the Department of Mines and Geology and other review bodies have been overseeing/monitoring the activities of this operation. It has also been noted that the findings of such monitoring of the operation have shown negative impact on the surrounding resources.

Preparation of the state mandated reclamation plan is to be completed by June of this year. As required by Department of Health Services (DHS), the reclamation plan is to include safeguards for Environmental Protection Agency and DHS extraction and monitoring wells installed to safeguard the local groundwater.

We have also taken into consideration the cyclical nature of the surface mining industry. It is apparent that the demand for product is directly related to development activity and while such activity may increase, this does not in and of itself constitute a violation of Riverside County Ordinance No. 555.

In anticipation of the County's review of the Hubbs Quarry Reclamation Plan, it is our intent to take no further action at this time.

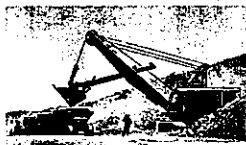
Very truly yours,

WILLIAM C. KATZENSTEIN
County Counsel

Joe S. Rank

By: Joe S. Rank
Deputy County Counsel

JSR:bln
25llit
cc: Norm Lostbom, Building & Safety Department



PAUL HUBBS CONSTRUCTION CO.

GENERAL ENGINEERING CONTRACTOR • RIP RAP, "RIVERS AND HARBORS"



140 WEST VALLEY BLVD. • RIALTO, CALIFORNIA 92376

TELEPHONE (714) 877-2726

JULY 20, 1990

RIVERSIDE COUNTY PLANNING DEPARTMENT
4080 LEMON STREET 9TH FLOOR
RIVERSIDE, CA. 92501

ATTENTION: PLANNING DIRECTOR;
ENGINEERING GEOLOGIST

SUBJECT: RECLAMATION PLAN, PYRITE QUARRY
(FORMERLY STRINGFELLOW)

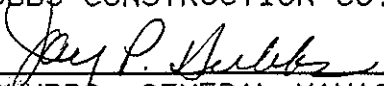
GENTLEMEN,

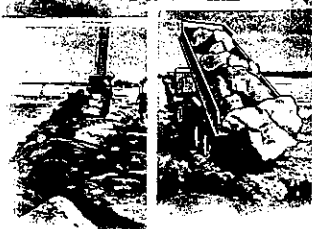
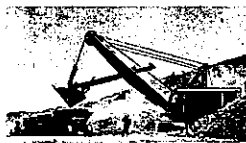
AS REQUESTED BY NIEL A NILCHIAN, DIVISION ENGINEER FOR COUNTY OF RIVERSIDE DEPARTMENT OF BUILDING & SAFETY, THIS PAGE SHOULD BE ADDED TO AND MADE A PART OF OUR RECLAMATION PLAN DATED MAY 25, 1990.

BOTH THE PROPERTY KNOWN AS PYRITE QUARRY, AND THE APPLICANT, PAUL HUBBS CONSTRUCTION CO. ARE OWNED BY: PAUL J. & LUCILLE HUBBS
140 W. VALLEY BLVD.
RIALTO, CA. 92376
(714) 877-2726

SINCERELY,

PAUL HUBBS CONSTRUCTION CO.


JAY P. HUBBS, GENERAL MANAGER



PAUL HUBBS CONSTRUCTION CO.

GENERAL ENGINEERING CONTRACTOR • RIP RAP, "RIVERS AND HARBORS"

140 WEST VALLEY BLVD. • RIALTO, CALIFORNIA 92376

TELEPHONE (714) 877-2726

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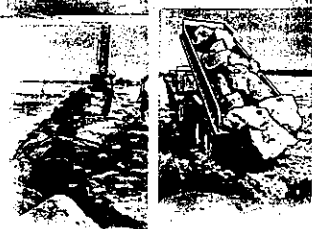
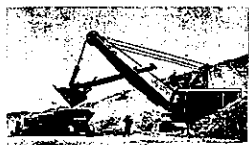
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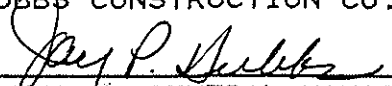
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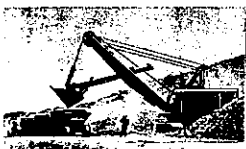
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SINCERELY,

PAUL HUBBS CONSTRUCTION CO.


JAY P. HUBBS, GENERAL MANAGER

Paul Hubbs Construction Co.

General Engineering Contractor

140 West Valley Blvd.

Rialto, California 92376

Tel (714) 877-2726
(714) 877-4927



LETTER OF TRANSMITTAL

DATE	08/31/90	JOB NO.	#123
ATTENTION	STEPHEN KUPFERMAN		
RE:			
RECLAMATION PLAN FOR			
PYRITE QUARRY			

RIVERSIDE COUNTY
PLANNING DEPARTMENT
PLANNING DEPT.

4080 LEMON ST., 9TH FLOOR

RIVERSIDE, CALIF. 92501

WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via _____ the following items:

- ☐ Shop drawings ☒ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
12	08/30/90	SHT3	REVISED SECTION C-C

THESE ARE TRANSMITTED as checked below:

- ☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval
☐ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution
☒ As requested ☐ Returned for corrections ☐ Return _____ corrected prints
☐ For review and comment ☐ _____
☐ FOR BIDS DUE _____ 19____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS THIS SHEET WAS REVISED DUE TO ERROR BY OUR ENGINEERS, BROWN & MULLINS, INC.

COPY TO _____

FRED L. RESNICK, CONTROLLER

SIGNED: _____

OFFICE MEMO

STD. 100 (REV. 11-73)

DATE

6/8/90

TO:

Jay Hubbs

ROOM NUMBER

FROM:

Mike Sorensen

PHONE NUMBER

SUBJECT:

Monitoring well locations

RECEIVED

JUN 15 1990

RIVERSIDE COUNTY
PLANNING DEPARTMENT

Attached are the survey coordinates for the wells on your property.

I'm sending you this info as a follow up to a conversation I had with Steve Kupferman earlier this week. He said he asked you to show the wells on your property on the reclamation plan. I hope this information will be of assistance to you.

PS - I have highlighted the wells on your property.

cc: Steve Kupferman

APPENDIX E.3
WELL COORDINATE DATA

The wells installed during this remedial investigation were surveyed by Western Aerial Surveys of Riverside, California. The following data are presented in the table:

- o Well Id - well identifier
- o Source - surveyor of record, WAS(Western Aerial Surveys)
- o Elev msl- elevation above mean sea level in feet at the reference point.
- o Northing- north/south oriented zone VI California coordinate
- o Easting - east/west oriented zone VI California coordinate
- o Ref pt - survey elevation reference point,
 - TSC= top of steel casing
 - TCAS=top of concrete casing
 - TCOV=top of concrete cover
 - TPAD=top of concrete pad

Elevations only were surveyed at selected wells. At these wells, the northing and easting are indicated as NM(not measured).

At well FC102A2, two elevations are listed. During November, 1985, the original casing was damaged invalidating the elevation reference value. The elevation was reestablished after the well was repaired.

Well Coordinates (continued)

Well Id	Source	Elev_msl	Northing	Easting	Ref_pt
FC552A2	WAS	791.98	672016.56	1632767.33	TSC
FC558A2	WAS	789.07	672034.70	1632415.65	TSC
FC564A2	WAS	790.81	672080.79	1632151.91	TSC
FC564A2N	WAS	789.94	672098.34	1632143.32	TSC
FC564A2S	WAS	789.92	672072.07	1632135.93	TSC
FC564A3	WAS	790.16	672088.71	1632132.91	TSC
FC570A2	WAS	789.56	672056.18	1631874.94	TSC
FC5A3	WAS	851.38	674508.98	1633824.61	TSC
FC632A2	WAS	784.12	671735.91	1631309.31	TSC
FC678A2	WAS	780.37	671525.19	1631403.79	TSC
FC702A2	WAS	783.47	671317.21	1632850.19	TSC
FC706A2	WAS	776.21	671030.99	1632414.60	TSC
FC712A2	WAS	775.78	671169.50	1632116.70	TSC
FC720A2	WAS	774.98	671312.59	1631870.60	TSC
FC720A3	WAS	775.86	671325.38	1631848.28	TSC
FC726A2	WAS	776.88	671353.29	1631537.61	TSC
FC738A2	WAS	771.54	671158.09	1631022.52	TSC
FC752A2	WAS	775.74	670883.88	1632728.95	TSC
FC836A2	WAS	762.98	670619.08	1630884.02	TSC
FC848A2	WAS	756.54	670292.62	1630142.64	TSC
FC862A2	WAS	762.52	670216.32	1632178.71	TSC
FC896A2	WAS	754.39	670252.27	1630429.92	TSC
FC924A2	WAS	759.08	669738.47	1631724.65	TSC
FC932A2	WAS	752.57	669569.85	1631145.78	TSC
FC936A2	WAS	749.51	669488.73	1630851.41	TSC
FC940A2	WAS	748.79	669446.25	1630494.77	TSC
FC948A2	WAS	750.00	669704.92	1630139.17	TSC
GAL8216	WAS	774.25	670704.87	1632721.95	TSC
GAL8236	WAS	774.29	0.00	0.00	TSC
GAL8699	WAS	756.14	0.00	0.00	TSC
IN1	WAS	996.51	678646.75	1634414.89	TSC
IN2	WAS	936.55	677788.62	1635757.98	TSC
IN3	WAS	938.07	677876.36	1633701.30	TSC
IN4	WAS	942.23	677677.41	1633859.95	TSC
IN5	WAS	940.60	677487.58	1634021.51	TSC
JUR8250	WAS	767.63	0.00	0.00	TSC
LC1A2	WAS	871.09	675684.54	1633102.88	TSC
LC1A3	WAS	870.74	675671.57	1633089.66	TSC
LC1B	WAS	871.82	675672.59	1633105.07	TSC
LC2A1	WAS	874.21	675795.75	1633346.83	TSC
LC2A2	WAS	873.92	675802.10	1633356.62	TSC
LC2A3	WAS	874.21	675792.94	1633355.21	TSC
LC2A3E	WAS	873.81	675795.62	1633380.58	TSC
LC2A3S	WAS	872.55	675773.09	1633350.74	TSC
LC3A2	WAS	871.69	675884.89	1632618.77	TSC
LC3A3	WAS	872.47	675878.90	1632621.09	TSC
LC3B	WAS	871.99	675884.36	1632627.20	TSC
LC4B	WAS	880.45	675646.21	1633734.68	TSC
MA1	WAS	921.88	677412.93	1633934.19	TSC
MA2	WAS	938.65	677559.08	1633813.71	TSC
MA3	WAS	935.06	677714.47	1633718.04	TSC
MA4	WAS	934.87	677788.16	1633661.11	TSC
MA5	WAS	934.91	677831.81	1633619.93	TSC
MA6	WAS	932.34	677572.95	1634071.94	TSC

Well Coordinates (continued)

Well Id	Source	Elev_msl	Northing	Easting	Ref_pt
MIS7890	WAS	924.18	677336.67	1633979.38	TSC
MIS8110	WAS	939.16	677550.13	1633827.83	TSC
MIS8684	WAS	933.56	677710.94	1633723.97	TSC
MW16B	WAS	934.17	677860.92	1633581.33	TSC
MW17B	WAS	845.42	0.00	0.00	TCAS
MW18B	WAS	819.85	673338.12	1633403.59	TSC
	WAS	777.08	0.00	0.00	TSC
	WAS	872.97	675743.16	1633569.04	TSC
	WAS	869.89	675518.77	1633129.39	TSC
	WAS	850.84	674610.59	1633278.78	TSC
	WAS	942.01	677512.59	1633955.15	TSC
	WAS	942.08	677914.44	1633840.03	TSC
MW4B	WAS	991.33	678955.74	1634535.85	TSC
OC10A	WAS	1030.50	679380.39	1634717.14	TSC
OC10B	WAS	1029.67	679366.40	1634727.10	TSC
OC10D	WAS	1031.13	679372.80	1634723.38	TSC
OC11A	WAS	1031.35	679357.85	1634699.64	TSC
OC11B	WAS	1030.65	679349.29	1634711.53	TSC
OC11D	WAS	1032.00	679350.92	1634702.27	TSC
	WAS	1039.85	679219.77	1634983.76	TSC
	WAS	1039.30	679208.46	1634973.45	TSC
OC1B	WAS	1096.82	680301.95	1635619.17	TSC
OC1D	WAS	1096.26	680298.10	1635613.03	TSC
	WAS	1063.84	679492.32	1635246.85	TSC
	WAS	1064.42	679492.97	1635255.85	TSC
OC3A	WAS	1086.62	679920.71	1635400.08	TSC
OC3B	WAS	1085.87	679919.12	1635420.63	TSC
OC3D	WAS	1087.23	679927.82	1635429.41	TSC
OC4A	WAS	1078.79	679895.32	1635278.40	TSC
OC4D	WAS	1079.49	679896.58	1635285.21	TSC
OC5A	WAS	1055.60	679746.23	1634921.95	TSC
OC5D	WAS	1057.18	679758.35	1634927.44	TSC
	WAS	1043.40	679254.19	1634992.03	TSC
	WAS	1042.45	679249.34	1634986.30	TSC
	WAS	1043.05	679249.35	1634998.25	TSC
	WAS	1039.96	679216.94	1634973.39	TSC
	WAS	1040.15	679223.62	1634976.33	TSC
	WAS	1040.03	679221.40	1634980.07	TSC
OC9A	WAS	1033.30	679326.57	1634833.12	TSC
OC9D	WAS	1034.06	679314.91	1634829.80	TSC
	WAS	1040.35	679243.43	1634975.69	TSC
OW2	WAS	1030.25	679411.21	1634686.86	TSC
	WAS	1041.65	679221.03	1634995.51	TSC
OW4	WAS	1076.14	680205.29	1635295.74	TSC
OW5	WAS	1119.41	680444.03	1635752.83	TSC
OW6	WAS	1112.29	680635.61	1635544.10	TSC
OW7	WAS	1089.41	680130.80	1635500.10	TSC
PYJR	WAS	778.94	670315.68	1632769.95	TSC
PYR3851	WAS	869.28	0.00	0.00	TSC
PYR4037	WAS	844.12	0.00	0.00	TSC
PYR4352	WAS	801.87	0.00	0.00	TSC
SANA#3	WAS	745.46	0.00	0.00	TSC
SCH4091	WAS	832.50	674227.93	1632340.23	TSC
STN4800	WAS	755.81	668966.79	1631737.39	TSC

Well Id	Source	Elev_msl	Northing	Easting	Ref_pt
STN5071	WAS	737.90	667787.16	1630088.03	TSC
TYR4386	WAS	811.67	0.00	0.00	TCOV
TYR4394	WAS	812.91	672288.00	1634359.00	TCOV
TYR4419	WAS	803.69	0.00	0.00	TSC
TYR4695	WAS	788.41	0.00	0.00	TPAD
UDG1	WAS	1138.07	680502.36	1635959.94	TSC
UDG2	WAS	1093.66	680519.26	1635270.81	TSC
UDG3	WAS	1086.23	679660.12	1635539.58	TSC
UDG4	WAS	1067.94	679981.10	1634908.74	TSC
UDG5	WAS	1098.31	679938.93	1635599.72	TSC
UDG6	WAS	1148.81	680301.32	1635922.87	TSC
UGB1	WAS	1100.94	679292.17	1635496.54	TSC
UGB1	WAS	1166.70	680716.16	1636054.49	TSC
UGB101	WAS	1164.27	679222.13	1635285.31	TSC
UGB101	WAS	1147.94	680318.07	1635932.25	TSC
UGB102	WAS	1130.00	680924.39	1635428.64	TSC
UGB104	WAS	1077.73	680112.02	1634816.00	TSC
UGB105	WAS	1037.98	679038.26	1635083.86	TSC
UGB106	WAS	1044.03	679535.70	1634441.31	TSC
UGB107	WAS	1036.99	678749.91	1633771.91	TSC
UGB109	WAS	1120.71	679794.03	1635719.85	TSC
UGB110	WAS	1093.02	680273.15	1634990.97	TSC
UGB112	WAS	1101.72	680442.22	1635106.45	TSC
UGB115	WAS	1109.46	679552.34	1635636.80	TSC
UGB116	WAS	1079.00	680152.23	1634953.32	TSC
UGB2	WAS	1119.20	680624.05	1635218.07	TSC
UGB3	WAS	1113.33	679433.00	1635682.20	TSC
UGB4	WAS	1079.46	680124.93	1634847.76	TSC
UGB5	WAS	1053.73	679620.98	1634522.78	TSC
UGB6	WAS	1141.38	681084.78	1635421.96	TSC
UGB7	WAS	1150.74	681178.29	1635382.29	TSC
UGB8	WAS	1139.37	680658.29	1635907.29	TSC
UGB9	WAS	1140.61	679965.75	1635790.79	TSC
VER4118	WAS	825.25	0.00	0.00	TSC
_1Q1	WAS	886.00	676838.88	1633694.51	TSC
			549.54	399.57	

RING FELLOW

Well No.	NORTH	EAST	GROUND Elev	Top 4" Pipe Elev	Plastic Pipe Elev	
1021	676,349.34	1,633,394.87	885.2	*886.15	—	*Top of Pipe
1022	677,610.81	1,633,714.45	942.6	*943.64	—	*Top of Pipe
1023	677,789.34	1,633,759.77	935.4	*938.25	—	*Top of Pipe
1024	675,647.68	1,634,415.34	946.1	*967.74	—	*Top of Pipe
MW C "A"	679,135.37	1,634,535.30	994.6	997.52	997.09	
MW D "B"	679,191.66	1,634,601.35	998.5	1001.22	1000.34	
"C"	679,159.74	1,634,639.85	1009.3	1011.91	1011.25	
1025	677,827.56	1,633,774.56	937.5	940.14	940.04	
1026	678,226.42	1,634,133.60	952.3	955.85	955.68	
N.W 3-B	679,108.20	1,634,774.58	1019.6	1022.73	1022.38	
1027	678,955.39	1,634,536.38	988.0	991.32	991.17	
M.W 5-B	678,822.48	1,634,601.63	991.3	*994.93	—	*Top of Cap 01
1028	678,605.81	1,634,533.33	985.8	989.33	988.97	
1029	678,307.49	1,634,340.06	962.1	965.22	965.11	
1030	677,989.17	1,634,153.03	952.2	956.78	956.52	
1031	677,659.49	1,633,844.53	938.6	941.87	941.54	
1032	677,325.80	1,633,554.12	918.1	921.50	920.10	
1033	676,934.76	1,633,291.06	900.0	902.59	902.50	
1034	676,365.54	1,633,014.66	883.0	886.28	886.19	
1035	677,495.21	1,634,107.24	928.7	932.27	931.31	
1036	677,270.06	1,633,815.74	912.6	915.91	915.74	

994
1000.6
779.6
225.4

Rec'd 3/1/68

Paul Hubbs Construction Co.

General Engineering Contractor

Highways, Bridges, Airports, Rivers & Harbors

140 West Valley Blvd.

Rialto, California 92376

Tel (714) 877-2726

(714) 877-4927

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AUG 04 1990



LETTER OF TRANSMITTAL

DATE	08/31/90	JOB NO.	#123
ATTENTION	STEPHEN KUPFERMAN		
RE:			
	RECLAMATION PLAN FOR		
	PYRITE QUARRY		

RIVERSIDE COUNTY PLANNING DEPARTMENT

RIVERSIDE COUNTY PLANNING DEPT.

4080 LEMON ST., 9TH FLOOR

RIVERSIDE, CALIF. 92501

WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via _____ the following items:

- ☐ Shop drawings ☒ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
12	08/30/90	SHT3	REVISED SECTION C-C

THESE ARE TRANSMITTED as checked below:

- ☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval
☐ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution
☒ As requested ☐ Returned for corrections ☐ Return _____ corrected prints
☐ For review and comment ☐ _____
☐ FOR BIDS DUE _____ 19____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS THIS SHEET WAS REVISED DUE TO ERROR BY OUR ENGINEERS, BROWN & MULLINS, INC.

COPY TO _____

FRED L. KESNICK, CONTROLLER

SIGNED:

OFFICE MEMO

STD. 100 (REV. 11-75)

DATE

6/18/90

TO:

Jay Hubbs

ROOM NUMBER

FROM:

Mike Sorensen

PHONE NUMBER

SUBJECT:

Monitoring well locations

RECEIVED

JUN 15 1990

RIVERSIDE COUNTY
PLANNING DEPARTMENT

Attached are the survey coordinates for the wells on your property.

I'm sending you this info as a follow up to a conversation I had with Steve Kupferman earlier this week. He said he asked you to show the wells on your property on the reclamation plan. I hope this information will be of assistance to you.

PS - I have highlighted the wells on your property.

cc: Steve Kupferman

APPENDIX E.3
WELL COORDINATE DATA

The wells installed during this remedial investigation were surveyed by Western Aerial Surveys of Riverside, California. The following data are presented in the table:

- o Well Id - well identifier
- o Source - surveyor of record, WAS(Western Aerial Surveys)
- o Elev msl- elevation above mean sea level in feet at the reference point
- o Northing- north/south oriented zone VI California coordinate
- o Easting - east/west oriented zone VI California coordinate
- o Ref pt - survey elevation reference point,
 - TSC= top of steel casing
 - TCAS=top of concrete casing
 - TCOV=top of concrete cover
 - TPAD=top of concrete pad

Elevations only were surveyed at selected wells. At these wells, the northing and easting are indicated as NM(not measured).

At well FC102A2, two elevations are listed. During November, 1985, the original casing was damaged invalidating the elevation reference value. The elevation was reestablished after the well was repaired.

Well Coordinates (continued)

Well Id	Source	Elev_msl	Northing	Easting	Ref_pt
FC552A2	WAS	791.98	672016.56	1632767.33	TSC
FC558A2	WAS	789.07	672034.70	1632415.65	TSC
FC564A2	WAS	790.81	672080.79	1632151.91	TSC
FC564A2N	WAS	789.94	672098.34	1632143.32	TSC
FC564A2S	WAS	789.92	672072.07	1632135.93	TSC
FC564A3	WAS	790.16	672088.71	1632132.91	TSC
FC570A2	WAS	789.56	672056.18	1631874.94	TSC
FC5A3	WAS	851.38	674508.98	1633824.61	TSC
FC632A2	WAS	784.12	671735.91	1631309.31	TSC
FC678A2	WAS	780.37	671525.19	1631403.79	TSC
FC702A2	WAS	783.47	671317.21	1632850.19	TSC
FC706A2	WAS	776.21	671030.99	1632414.60	TSC
FC712A2	WAS	775.78	671169.50	1632116.70	TSC
FC720A2	WAS	774.98	671312.59	1631870.60	TSC
FC720A3	WAS	775.86	671325.38	1631848.28	TSC
FC726A2	WAS	776.88	671353.29	1631537.61	TSC
FC738A2	WAS	771.54	671158.09	1631022.52	TSC
FC752A2	WAS	775.74	670883.88	1632728.95	TSC
FC836A2	WAS	762.98	670619.08	1630884.02	TSC
FC848A2	WAS	756.54	670292.62	1630142.64	TSC
FC862A2	WAS	762.52	670216.32	1632178.71	TSC
FC896A2	WAS	754.39	670252.27	1630429.92	TSC
FC924A2	WAS	759.08	669738.47	1631724.65	TSC
FC932A2	WAS	752.57	669569.85	1631145.78	TSC
FC936A2	WAS	749.51	669488.73	1630851.41	TSC
FC940A2	WAS	748.79	669446.25	1630494.77	TSC
FC948A2	WAS	750.00	669704.92	1630139.17	TSC
GAL8216	WAS	774.25	670704.87	1632721.95	TSC
GAL8236	WAS	774.29	0.00	0.00	TSC
GAL8699	WAS	756.14	0.00	0.00	TSC
IW1	WAS	996.51	678646.75	1634414.89	TSC
IW2	WAS	936.55	677788.62	1635757.98	TSC
IWA	WAS	938.07	677876.36	1633701.30	TSC
IWB	WAS	942.23	677677.41	1633859.95	TSC
IWC	WAS	940.60	677487.58	1634021.51	TSC
JUR8250	WAS	767.63	0.00	0.00	TSC
LC1A2	WAS	871.09	675684.54	1633102.88	TSC
LC1A3	WAS	870.74	675671.57	1633089.66	TSC
LC1B	WAS	871.82	675672.59	1633105.07	TSC
LC2A1	WAS	874.21	675795.75	1633346.83	TSC
LC2A2	WAS	873.92	675802.10	1633356.62	TSC
LC2A3	WAS	874.21	675792.94	1633355.21	TSC
LC2A3E	WAS	873.81	675795.62	1633380.58	TSC
LC2A3S	WAS	872.55	675773.09	1633350.74	TSC
LC3A2	WAS	871.69	675884.89	1632618.77	TSC
LC3A3	WAS	872.47	675878.90	1632621.09	TSC
LC3B	WAS	871.99	675884.36	1632627.20	TSC
LC4B	WAS	880.45	675646.21	1633734.68	TSC
MA1	WAS	921.88	677412.93	1633934.19	TSC
MA2	WAS	938.65	677559.08	1633813.71	TSC
MA3	WAS	935.06	677714.47	1633718.04	TSC
MA4	WAS	934.87	677788.16	1633661.11	TSC
MA5	WAS	934.91	677831.81	1633619.93	TSC
MA6	WAS	932.34	677572.95	1634071.94	TSC

Well Coordinates (continued)

Well Id	Source	Elev_msl	Northing	Easting	Ref_pt
MB1	WAS	924.18	677336.67	1633979.38	TSC
MB2	WAS	939.16	677550.13	1633827.83	TSC
MB3	WAS	933.56	677710.94	1633723.97	TSC
MB4	WAS	934.17	677860.92	1633581.33	TSC
MIS7890	WAS	845.42	0.00	0.00	TCAS
MIS8110	WAS	819.85	673338.12	1633403.59	TSC
MIS8684	WAS	777.08	0.00	0.00	TSC
MW16B	WAS	872.97	675743.16	1633569.04	TSC
MW17B	WAS	869.89	675518.77	1633129.39	TSC
MW18B	WAS	850.84	674610.59	1633278.78	TSC
	WAS	942.01	677512.59	1633955.15	TSC
	WAS	942.08	677914.44	1633840.03	TSC
MW4B	WAS	991.33	678955.74	1634535.85	TSC
OC10A	WAS	1030.50	679380.39	1634717.14	TSC
OC10B	WAS	1029.67	679366.40	1634727.10	TSC
OC10D	WAS	1031.13	679372.80	1634723.38	TSC
OC11A	WAS	1031.35	679357.85	1634699.64	TSC
OC11B	WAS	1030.65	679349.29	1634711.53	TSC
OC11D	WAS	1032.00	679350.92	1634702.27	TSC
OC12B	WAS	1039.85	679219.77	1634983.76	TSC
OC12D	WAS	1039.30	679208.46	1634973.45	TSC
OC1B	WAS	1096.82	680301.95	1635619.17	TSC
OC1D	WAS	1096.26	680298.10	1635613.03	TSC
OC2A	WAS	1063.84	679492.32	1635246.85	TSC
OC2D	WAS	1064.42	679492.97	1635255.85	TSC
OC3A	WAS	1086.62	679920.71	1635400.08	TSC
OC3B	WAS	1085.87	679919.12	1635420.63	TSC
OC3D	WAS	1087.23	679927.82	1635429.41	TSC
OC4A	WAS	1078.79	679895.32	1635278.40	TSC
OC4D	WAS	1079.49	679896.58	1635285.21	TSC
OC5A	WAS	1055.60	679746.23	1634921.95	TSC
OC5D	WAS	1057.18	679758.35	1634927.44	TSC
OC7A	WAS	1043.40	679254.19	1634992.03	TSC
OC7B	WAS	1042.45	679249.34	1634986.30	TSC
OC7D	WAS	1043.05	679249.35	1634998.25	TSC
OC8A	WAS	1039.96	679216.94	1634973.39	TSC
OC8B	WAS	1040.15	679223.62	1634976.33	TSC
OC8D	WAS	1040.03	679221.40	1634980.07	TSC
OC9A	WAS	1033.30	679326.57	1634833.12	TSC
OC9D	WAS	1034.06	679314.91	1634829.80	TSC
OW1	WAS	1040.35	679243.43	1634975.69	TSC
OW2	WAS	1030.25	679411.21	1634686.86	TSC
OW3	WAS	1041.65	679221.03	1634995.51	TSC
OW4	WAS	1076.14	680205.29	1635295.74	TSC
OW5	WAS	1119.41	680444.03	1635752.83	TSC
OW6	WAS	1112.29	680635.61	1635544.10	TSC
OW7	WAS	1089.41	680130.80	1635500.10	TSC
PYJR	WAS	778.94	670315.68	1632769.95	TSC
PYR3851	WAS	869.28	0.00	0.00	TSC
PYR4037	WAS	844.12	0.00	0.00	TSC
PYR4352	WAS	801.87	0.00	0.00	TSC
SANA#3	WAS	745.46	0.00	0.00	TSC
SCH4091	WAS	832.50	674227.93	1632340.23	TSC
STN4800	WAS	755.81	668966.79	1631737.39	TSC

Well Id	Source	Elev_msl	Northing	Easting	Ref_pt
STN5071	WAS	737.90	667787.16	1630088.03	TSC
TYR4386	WAS	811.67	0.00	0.00	TCOV
TYR4394	WAS	812.91	672288.00	1634359.00	TCOV
TYR4419	WAS	803.69	0.00	0.00	TSC
TYR4695	WAS	788.41	0.00	0.00	TPAD
UDG1	WAS	1138.07	680502.36	1635959.94	TSC
UDG2	WAS	1093.66	680519.26	1635270.81	TSC
UDG3	WAS	1086.23	679660.12	1635539.58	TSC
UDG4	WAS	1067.94	679981.10	1634908.74	TSC
UDG5	WAS	1098.31	679938.93	1635599.72	TSC
UDG6	WAS	1148.81	680301.32	1635922.87	TSC
UDG7	WAS	1100.94	679292.17	1635496.54	TSC
UGB1	WAS	1166.70	680716.16	1636054.49	TSC
UGB10	WAS	1164.27	679222.13	1635285.31	TSC
UGB101	WAS	1147.94	680318.07	1635932.25	TSC
UGB102	WAS	1130.00	680924.39	1635428.64	TSC
UGB104	WAS	1077.73	680112.02	1634816.00	TSC
UGB105	WAS	1037.98	679038.26	1635083.86	TSC
UGB106	WAS	1044.03	679535.70	1634441.31	TSC
UGB108	WAS	1036.99	678749.91	1633771.91	TSC
UGB109	WAS	1120.71	679794.03	1635719.85	TSC
UGB110	WAS	1093.02	680273.15	1634990.97	TSC
UGB112	WAS	1101.72	680442.22	1635106.45	TSC
UGB115	WAS	1109.46	679552.34	1635636.80	TSC
UGB116	WAS	1079.00	680152.23	1634953.32	TSC
UGB2	WAS	1119.20	680624.05	1635218.07	TSC
UGB3	WAS	1113.33	679433.00	1635682.20	TSC
UGB4	WAS	1079.46	680124.93	1634847.76	TSC
UGB5	WAS	1053.73	679620.98	1634522.78	TSC
UGB6	WAS	1141.38	681084.78	1635421.96	TSC
UGB7	WAS	1150.74	681178.29	1635382.29	TSC
UGB8	WAS	1139.37	680658.29	1635907.29	TSC
UGB9	WAS	1140.61	679965.75	1635790.79	TSC
VER4118	WAS	825.25	0.00	0.00	TSC
_1Q1	WAS	886.00	676838.88	1633694.51	TSC
			547.24	394.57	

RING FELLOW

Well No.	NORTH	EAST	GROUND ELEV	TOP 4" PIPE	ELEV. PLASTIC PIPE	
101	676,349.34	1,633,394.57	885.2	*886.15	—	
102	677,610.81	1,633,714.45	942.6	*943.64	—	
103	677,789.34	1,633,759.77	935.4	*938.25	—	
104	678,647.68	1,634,415.34	966.1	*967.74	—	
M.W. C "A"	679,175.37	1,634,535.36	994.6	997.52	997.09	
M.W. D "B"	679,181.66	1,634,601.35	998.5	1001.22	1000.34	
"C"	679,159.74	1,634,639.85	1009.3	1011.91	1011.25	
105	677,927.56	1,633,774.56	937.5	940.14	940.04	
106	678,226.42	1,634,133.60	952.3	955.85	955.68	
N.W. 3-B	679,108.20	1,634,774.58	1019.6	1022.73	1022.38	
M.W. 4-B	678,955.39	1,634,536.38	988.0	991.32	991.17	
M.W. 5-B	678,822.48	1,634,601.63	991.3	*994.93	—	*top of cap
M.W. 6-B	678,605.81	1,634,533.33	985.8	989.33	988.97	
M.W. 7-B	678,307.49	1,634,340.06	962.1	965.22	965.11	
M.W. 8-B	677,989.17	1,634,153.03	952.2	956.78	956.52	
M.W. 9-B	677,659.49	1,633,844.53	938.6	941.87	941.54	
M.W. 10-B	677,325.80	1,633,554.12	918.1	921.50	920.10	
M.W. 11-B	676,934.76	1,633,291.06	900.0	902.59	902.50	
M.W. 12-B	676,365.54	1,633,014.66	883.0	886.28	886.19	
M.W. 13-B	677,445.21	1,634,107.24	928.7	932.27	931.31	
M.W. 14-B	677,270.06	1,633,815.74	912.6	915.91	915.74	

994
1000.6
774.6
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REPLY TO FILE NO. _____

June 7, 1990

Department of Health Services
Toxic Substances Control Program
Special Project Team
Post Office Box 942732
Sacramento, California 94234-7320

Attention: Mr. Mike Sorenson

Re: **Paul Hubbs vs. U. S. Environmental Protection Agency**
Our File No. 7397 KHM

Dear Mr. Sorenson:

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Very truly yours,

MURCHISON & CUMMING

Kenneth H. Moreno

KHM:tq\LTR0607

cc: ✓ Mr. Paul Hubbs

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JEFFREY M. COHON
MARY JANE DELLAFIORA
ROBYN M. SCHIFFMAN
MICHAEL T. McELVANEY
CAROLYN E. SMELSER
CINDY K. HIROTO
LAURA I. BAER
LAURENT G. O'SHEA, III
DAVID M. JOHNSON
KIM RODGERS WESTHOFF
DORITA D. MRAK COHEN
JESSE F. RODRIGUEZ
ANGELA M. BROWN
VICTOR A. LEE
ANGELA D. ROBLEDO
TERESA A. LIBERTINO
ELIZABETH P. MAURER
GEORGE G. ROMAIN
FRANCINE ETH CLEBOWICZ
ARTHUR R. HEBERT
JAMES D. CARRAWAY
KAREN G. JEPCHAK
G. NINA FRIAS
FREDERICK S. REISZ
THOMAS E. DIAS
ALLISON ROSE

LAW OFFICES

Murchison & Cumming

680 WILSHIRE PLACE

POST OFFICE BOX 75965

LOS ANGELES, CALIFORNIA 90075-0965

(213) 382-7321

TELEX: 350290

TELECOPIER (213) 380-9363

R. BRUCE MURCHISON
1903-1987
CLAUDE B. CUMMING
1910-1987

SANTA ANA OFFICE
801 PARK TOWER
200 WEST SANTA ANA BOULEVARD
POST OFFICE BOX 508
SANTA ANA, CALIFORNIA 92701
(714) 972-9977
TELECOPIER (714) 972-1404

REPLY TO FILE NO. _____

June 7, 1990

Department of Health Services
Toxic Substances Control Program
Special Project Team
Post Office Box 942732
Sacramento, California 94234-7320

Attention: Mr. Mike Sorenson

Re: **Paul Hubbs vs. U. S. Environmental Protection Agency**
Our File No. 7397 KHM

Dear Mr. Sorenson:

This letter will confirm our telephone conversation in which you advised you had contacted the Riverside County Planning Department regarding the reclamation plan. You confirmed with the Planning Department that Mr. Hubbs only need to plot the wells on his property and indicate that the wells would be protected. It is not necessary to identify what measures will be taken to protect the wells. In fact, Mr. Hubbs will not be taking any affirmative steps or measures to protect the wells since this is the exclusive domain of the Department of Health Services.

This letter will also confirm that you have agreed to forward a map plotting the wells to Mr. Hubbs' attention to assist in preparation of the reclamation plan.

Thank you for your assistance in resolving this matter.

Very truly yours,

MURCHISON & CUMMING

Kenneth H. Moreno

KHM:tq\LTR0607

cc: ☒ Mr. Paul Hubbs

RONALD R. MCOUID
MICHAEL D. MCEVOY
FRIEDRICH W. SEITZ
MICHAEL B. LAWLER
GEORGE V. GENZMER, III
RICHARD M. ARIAS
STEVEN L. SMILAY
BENJAMIN H. SEAL II
TOM Y. K. MEI
KENNETH H. MORENO
CAROL D. KULLIVA
ROBERT A. GRANTHAM
GARY C. EISENBERG
ROBERT M. SCHERK
RICHARD D. NEWMAN
SUSAN M. HILTON
SUZANNE T. JAMES
JEAN M. LAWLER
BETH E. GOLDMAN
RICK K. CARTER
JOSEPH R. BAER
EDMUND G. FARRELL, III
MELINDA J. MCGEE
CHRISTY L. CONNER
BARBARA L. MCCULLY
DAN L. LONGO
RUSSELL S. WOLLMAN
JOANNE ARDEN HALLIDAY

DEAN E. SMART
J. LYNN FELDNER
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June 7, 1990

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Very truly yours,

MURCHISON & CUMMING

Kenneth H. Moreno

KHM:tq\LTR0607

cc: ✓ Mr. Paul Hubbs

TO THE APPLICANT:

The following list of corrections needs your attention and follow-up. For your information and convenience, comments are numbered and amplified on the Plan Check set. Please revise the plans and supporting calculations, if any, and resubmit these for recheck including a correction response. Indicate on the corrected plan where the corrections are made and clearly distinguish all revisions using clouds, revision triangles, etc. so plan check can be accomplished in a timely manner.

The first letter in the CODE column denotes:

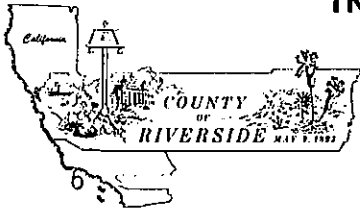
B ->Uniform Building Code, A ->Uniform Administration Code, DP ->Department Policy, ORD ->County Ordinance, T ->California State Title, PE ->Professional Code of Practice

COUNTY OF RIVERSIDE, DEPARTMENT OF BUILDING AND SAFETY

***** PLAN CHECK CORRECTIONS *****

+ DATE : 07/11/90
+ PREPARED BY: NEIL NILCHIAN *NA* + P/C LOG #: RP 123_A
+ PHONE: 714-275-1820

CMT#	CODE	SEE MARKS ON ..	COMMENT---
----	----	-----	-----
000	*	* ----->	SLOPE RATIO AND DIMENSIONS OF TERRACING SHALL BE RECOMMENDED BY A SOIL ENGINEER. A COPY OF THE REPORT SHALL BE SUBMITTED TO THIS OFFICE FOR REVIEW AND APPROVAL.
000	*	* ----->	ALL THE RED MARKINGS SHALL BE PRINTED ON THE BLUE PRINT(i.e. 40' benching).
000	*	* ----->	SHOW NAME, ADDRESS AND PHONE NO. OF OWNER IF IT IS DIFFERENT THAN THE APPLICANT, ON THE PLAN.
000	*	* ----->	THE PROPOSED R.P. IS EXPANDING THE OPERATION TO N.E. PORTION OF THE PROPERTY. DRAW AN IMAGINARY LINE PARALLEL TO PROPERTY LINE DESIGNATED AS S 0 12' 53" W, 900' AND RECLAMATION SHALL BE LIMITED TO THE WEST OF THE LINE; OR APPLY FOR A SURFACE MINING PERMIT (ORD.555, SECT. 12).
000	*	* ----->	THE RECLAMATION PLAN-REPORT AMENDED NO. 1, DATED JUNE 29, 1990: a. SECT. 3, REFERRED SOILS HAVE A SEVER EROSION POTENTIAL; HENCE, SLOPES SHALL BE LANDSCAPED TO PREVENT EROSION. MODIFY SHEET NO. 5 OF 5 TO SHOW EROSION CONTROL ON THE SLOPES.
000	*	* ----->	b. SECT. E.5 SHALL BE MODIFIED TO READ AS " FINAL CLEAN UP WILL BE COMPLETED DURING THE LAST YEAR OF OPERATION. THE EQUIP- SHALL BE REMOVED SHORTLY AFTER TERMINATION OF THE OPERATION AND BEFORE APPLICATION OF EROSION CONTROL."
000	*	* ----->	PLEASE REFER TO THE ATTACHED FORMS (i.e. SECURITY PERFORMANCE AGREEMENT, LIST OF REQUIRED PERMITS AND APPLICATION FOR SPECIAL INSPECTION).



INTER-DEPARTMENTAL LETTER

COUNTY OF RIVERSIDE

PLANNING DEPARTMENT

July 18, 1989

TO: Supervisor Dunlap - Second District
Tallulah Sherer - Admin. Assistant

FROM: Steven A. Kupferman - Engineering Geologist
Planning Department

RE: Hubbs Quarry - Stringfellow area
Reclamation Plan No. 123

The Planning Department determined that the subject quarry operation has a vested right to conduct surface mining operations per the Surface Mining and Reclamation Act of 1975 and Riverside County Ordinance No 555.

Vested rights operations are required to submit reclamation plans to the Planning Department by March 31, 1988. The Hubbs quarry reclamation plan was submitted to the Planning Department on October 23, 1987. The reclamation plan was reviewed and further information was requested from the applicant. This information has not yet been received. The reclamation plan for vested rights operations should be approved by the Planning Director by July 1, 1990. Continuation of the surface mining operation after July 1, 1990 is prohibited until a reclamation plan is approved by the Planning Director.

Any substantial change in the surface mining operation subsequent to January 1, 1976, shall require the granting of a surface mining permit. This surface mining permit application would be processed by the Planning Department.

SAK:a1

RIVERSIDE COUNTY PLANNING DEPARTMENT

DATE: July 2, 1990

TO: Assessor
Building and Safety - Land Use
Building and Safety - Grading
Surveyor - Ken Teich
Transportation Department
Health - Ralph Luchs
Fire Protection
Flood Control District

RECLAMATION PLAN 123 - (Geology) - Paul
Hubbs Constr Co - Tom Dodson & Assoc -
Glen Avon District - Second Supervisorial
District - R-R Zone - 227.55 Acres -
REQUEST: Reclamation plan for
Stringfellow Quarry with vested rights

Please review the case described above, along with the attached case information.

Your comments and recommendations are requested as soon as possible.

Should you have any questions regarding this item, please do not hesitate to contact
Steve Kupferman at 275-3290.
County Geologist

COMMENTS:

DATE: _____ SIGNATURE _____

PLEASE print name and title _____

Telephone _____

mjl

Paul Hubbs Construction Co.
General Engineering Contractor
Equipment Rentals • Rip Rap; Rivers & Harbors

140 West Valley Blvd.
Rialto, California 92376
Tel (714) 877-2726
Fax (714) 877-4927



LETTER OF TRANSMITTAL

DATE	08/01/90	JOB NO.	#123
ATTENTION	STEPHEN KUPFERMAN		
RE:	RECLAMATION PLAN FOR PYRITE QUARRY		

RIVERSIDE COUNTY PLANNING DEPT.

4080 LEMON ST., 9TH FLOOR

RIVERSIDE, CALIF. 92501

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

- ☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples * ☐ Specifications
☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
12	5/90	(1 THRU 5)	REVISED DRAWING NO. E-1724
12	7/03/90		PRELIMINARY ENGINEERING GEOLOGY INVESTIGATION
12	7/27/90		LETTER FROM ENGINEERING GEOLOGIST TO CLARIFY EROSION POTENTIAL
12	7/20/90		LETTER IDENTIFYING OWNER AND APPLICANT
12	6/07/90		LETTER FROM MURCHISON & CUMMING TO MIKE SORENSON REGARDING PROTECTION OF WELLS

THESE ARE TRANSMITTED as checked below:

- ☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval
☐ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution
☒ As requested ☐ Returned for corrections ☐ Return _____ corrected prints
☐ For review and comment ☐ _____
☐ FOR BIDS DUE _____ 19____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

RECEIVED
JUL 31 1990

RIVERSIDE COUNTY
PLANNING DEPARTMENT

Alan Lind

COPY TO _____

FRED L. RESNICK, CONTROLLER

County of Riverside

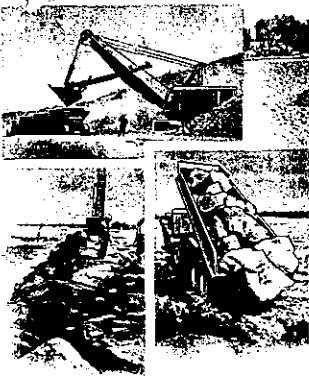
TO: Joe Rank DATE: 9-12-90
County Counsel
FROM: Steve Kupferman - Planning
RE: Reclamation Plan 123 - Hubbs Quarry

Joe -

P/s, review and comment on the attached letter from Dept. of Health Svcs. relative to the Reclamation Plan.

Tx,

Steve



PAUL HUBBS CONSTRUCTION CO.

GENERAL ENGINEERING CONTRACTOR • RIP RAP, "RIVERS AND HARBORS"



140 WEST VALLEY BLVD. • RIALTO, CALIFORNIA 92376

TELEPHONE (714) 877-2726

June 6, 1989

RECEIVED
JUN 06 1989

Riverside County
Planning Department
4030 Lemon Street, 9th Floor
Riverside, CA. 92501

**RIVERSIDE COUNTY
PLANNING DEPARTMENT**

Attention: Mr. Steven A. Kupferman
Engineering Geologist

Subject: Reclamation Plan No. 123
Pyrite Quarry (Stringfellow)

Gentlemen:

In order to comply with the Reclamation Plan submitted and your letter of January 21, 1988, we are to proceed in the following schedule.

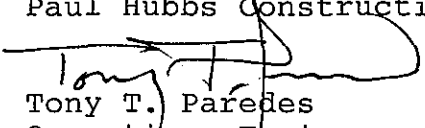
1. Survey; Brown and Mullens, Inc. has been contracted to update quarry conditions with regards, topography and quarry face conditions.
2. Any revisions to the map plan will include scale, date and North arrow, etc.
3. The landscape features are to be worked by Mr. Kim Andres, Including plants, species and hydroseeding.
4. Drainage control is currently being upgraded. Paul Hubbs Construction Co. has requested copies of this new construction from the State, upon receipt from the State, copies of this new channel will be included in the Reclamation Plan.
5. The current new construction by the State will note all drainage improvements. Along with the design plan, Paul Hubbs Construction Co. has requested sets of as-built drawings from the State. These will indicate drop structures, berms and other erosion control structures.
6. A drawing is being prepared by the State; A row of trees is to be planted replacing the removal made by the state.

Survey control which is to be set by State survey has been postponed on three different occasions, the State has re-scheduled their survey tentatively for June 15, 1989.

Upon receipt from the State survey and drawings, Paul Hubbs Construction Co. shall submit to Riverside County for your use in the Reclamation Plan.

County - Building and Safety has visited and toured the quarry site. Should you at any time need to visit or meet with us with regards to this Reclamation Plan please, contact either myself at (714) 877-2726 or Mr. John Boyd with Thompson-Colgate Inc, at (714) 682-5550.

Respectfully Submitted
Paul Hubbs Construction Co.



Tony T. Paredes
Operations Engineer

cc: Michael C. Sorensen
Associate Engineering Geologist
Department of State Health Services

Beth Jines
Material Specialist
Department of State Health Services

John A. Boyd
Thompson & Colegate

Kenneth A. Moreno
Murchinson & Cummins

TTP/sjm

ORDINANCE NO. 555.

AN ORDINANCE OF THE COUNTY OF RIVERSIDE
IMPLEMENTING THE SURFACE MINING
AND RECLAMATION ACT OF 1975

The Board of Supervisors of the County of Riverside
Ordains as Follows:

Section 1. Section 6 is amended to include subsection
h., which reads as follows:

h. If any explosives, as defined in Health & Safety
Code §12000, are to be used in conjunction with a surface mining
operation, it shall be the permittee's (as defined in Health &
Safety Code §12101) responsibility to comply with the following
provisions:

(1) Application for a permit shall be on such form
as prescribed by the issuing authority which includes
any amendments that may from time to time be adopted by
such issuing authority.

(2) At least three (3) days prior to any blasting,
all individuals residing or having a business within
1,000 feet of the proposed blasting location, the
issuing authority, and the County Department of Building
& Safety, shall be notified, by means reasonably
calculated to allow for actual notice, of the proposed
date and time of the scheduled blasting.

(3) A record of each blast, including
seismographic data, shall be retained for at least two
(2) years and shall be available for inspection by the

COUNTY COUNSEL

GERALD J. GEERLINGS



Memorandum

August 8, 1989

TO: ~~Melba Dunlap~~ Supervisor, District II
Tom Ingram, Director, Building & Safety
Glen Newman, County Fire Warden
Mark Balys, Deputy Director, Planning
Steve Kupferman, Engineering Geologist, Planning

FROM: JSR
Joe S. Rank, Deputy County Counsel

RE: Regulation of "Blasting" Connected with Surface Mining Operations

Pursuant to the meeting of July 21, 1989, we have roughed out the proposed amendments to Riverside County Ordinance No. 555.

As far as time of blasting and other related conditions are concerned, it would seem appropriate to have those stated on the permit. We have attached the forms currently used by the Sheriff's Department. Included is a copy of the procedures followed, the current list of permittees in the Riverside City area and the number of permittees in the areas of the County.

In our discussion with individuals in the Sheriff's Department, it was their opinion that land use would be the appropriate issuing authority for permits.

~~After reviewing the attached information, it may be appropriate to meet once again and establish ongoing policies and procedures for blasting, as well as review other possible controls.~~

JSR:bln
251LIT

Encl

DRAFT

County of Riverside. Such record shall contain the following data:

- (a) Location, date and time of blast.
- (b) Name, signature and license number of blaster-in-charge.
- (c) Direction and distance, in feet, to the nearest improvement and residence.
- (d) Weather conditions, including temperature, wind direction and approximate velocity.
- (e) Number of holes, burden and spacing.
- (f) Diameter and depth of holes.
- (g) Types of explosives used.
- (h) Total weight of explosives used.
- (i) Maximum weight of explosives detonated within any 8-milliseconds period.
- (j) Maximum number of holes detonated within any 8-milliseconds period.
- (k) Type of initiation system.
- (l) Type and length of stemming.
- (m) Type of delay detonator and delay periods used.
- (n) Sketch of the delay pattern.
- (o) Seismogram including the calibration signal of the gain setting and:
 - [1] Seismographic reading, including location of seismographic and its distance from the blast;

DRAFT

[2] Name of the person taking the
seismographic reading; and

[3] Name of the person and firm
analyzing the seismographic record.

Section 2. This ordinance shall become effective thirty
days after adoption.

JSR:bln
4206LIT
8/2/89

EXPLOSIVE APPLICATION/PERMIT PROCESS

1. Applicant desires permit.
 - a. Must be person(s) conducting the blasting
 - b. Must have valid State of California Blasting License or documentation certifying the applicant has successfully completed the state examination for blasters license.
2. Applicant to contact Sheriff accounting and finance department.
 - a. \$15.00 for permit.
 - b. \$23.50 for photo, fingerprinting and processing
 - c. Applicant pays a total of \$38.50, payable to "Riverside County Sheriff". Payment must be cash or a money order, no personal checks allowed.
 - d. Applicant receives a receipt for the amount of payment which is presented the blasting investigator for verification.
3. Applicant to contact Sheriff station of jurisdiction where blasting is to occur.
 - a. Completes "Explosive Application and Permit" and the "Fingerprint Information Sheet". (This is accomplished by the investigator assigned to the blasting permit function).
 - b. Application is fingerprinted, two copies, and photographed at the sheriff station of jurisdiction (In Riverside this will be accomplished at Sheriff Information Service Bureau).
 - c. Fingerprints, and photos are forwarded to California "Department of Justice" for processing. The fingerprint information sheet is forwarded to the Information Service Bureau in Riverside.
 - d. Applicant is advised the permit will be valid in 15 days contingent on the results from the D.O.J. check.
4. Applicant will be directed to contact Riverside County Fire Department.
 - a. Must take with him/her a map of the location where the blasting will occur.
 - b. Must notify the Fire station in the initial response area of the date and time of the blasting.

5. Hazardous Device Team

- a. H.D.T. to conduct an inspection of the site bunkers. Inspection will be arranged by the investigator handling the blasting permit.
- b. H.D.T. to notify the investigator of the results of their inspection.

6. Other Agencies to be Notified by explosive investigator.

- a. California Department of Forestry
- b. California Highway Patrol (if they are to be affected)
- c. Riverside County Sheriff (affected station, if that station is not issuing the permit).

7. Miscellaneous information

- a. Permit will be issued to applicant in 15 days.
- b. Permit to be valid for one year from date of issuance.
- c. Renewal for permit will be the same process, and cost, as the initial permit.
- d. If any additional people are to be listed on the permit, each person will have to be processed and pay the \$23.50 processing fee. Their names will be added to the permit.
- e. The permit will be valid for the County of Riverside only. Cities contracted to Riverside Sheriff do not fall under these guidelines. Persons applying for blasting permits in contract cities are to be referred to the individual city for permits.
- f. *See Airtel*
~~The permit holder must notify the sheriff station of jurisdiction prior to every blast.~~
- g. Information contained on the permit application to remain confidential.
- h. A copy of the permit must be on-site when blasting occurs.

RIVERSIDE SHERIFF'S DEPARTMENT

Information Services Bureau

FINGERPRINT INFORMATION SHEET

Complete All Blanks

PLEASE PRINT

Date: _____

Control No. _____

Applicant for: _____

NAME: _____
(Last) (First) (Middle)RESIDENCE
ADDRESS: _____
(Number and Street)

(City) (State) (Zip Code)

PHONE: Home () Business () Message ()
Area Area AreaMAILING
ADDRESS: _____
(If same as residence, so state)

(City) (State) (Zip Code)

BUSINESS
ADDRESS: _____
(Number and Street)

(City) (State) (Zip Code)

CITIZENSHIP: _____ OCCUPATION: _____

PHYSICAL
DATA: Date of Birth _____ Place of Birth _____
Month Day Year City State

Sex _____ Race _____ Height _____ Weight _____ Eyes _____ Hair _____

Driver's License _____ Social Security No. _____
(Number) (State)

If applying for public employment: Position _____

Department or Agency _____ City, County or Sta
(Circle One)

If applying for Concealed Weapons License:

Issuing Agency _____ City, County or Sta
(Circle One)

Gun: Make _____ Type _____ Calibre _____ Serial # _____

EXPLOSIVE PERMITS

<u>NAME</u>	<u>FILE NUMBER</u>	<u>EXPIRED</u>
Alderhorst Dog Training David John Reaver 3951 Veron Riverside, Ca. 92509 HM- (714) 685-1997 WK- (714) 685-2430	ER89038050	2/20/90
A & W Contractors Arthur Allen Wallace 334 Tamarak Ave. Escondido, Ca. 92506 (619) 734-6075	ER88257056	9/26/89
Marvin Lane Beamon 1015 West 5th Street San Bernardino, Ca. 92411 HM (714) 874-0957 WK (714) 884-8388 Msg (714) 888-7006	ER89060032	3/14/90
Tom C. Dyke John Elias Rios P.O. Box 352 Alpine, Ca. 92001 HM (619) 443-5908 WK (619) 445-2270	ER88147075 ER89067037	6/9/89 3/21/90
EMC Systems Gregory Marr P.O. Box 1386 Victorville, Ca. 92392 WK (619) 245-2052	ER89023051	2/5/90

Tommy Edward Fairfax
26382 Ives Way
El Toro, Ca. 92630
HM (714) 458-7612
WK (714) 770-2635

ER88263044

10/3/89

Goffman & McCormick
John James McCormick
22822 Granite Way
Laguna Hills, Ca. 92653
HM (714) 552-3224
WK (714) 951-1808

ER88245030

9/14/89

Emmett Carl Harder
18201 Muriel Ave
San Bernardino, Ca. 92407
HM (714) 887-3436


ER89059035

3/13/90

James Marvin Hurst
12171 Telephone #2
Chino, Ca, 91710
HM (714) 591-9685

ER88209079

7/10/89

 M.J. Baxter Drilling
Terrence George Barrett
12485 Hwy 67
Lakeside, Ca. 92040
HM (619) 562-0786
WK (619) 443-7800

ER88231053

8/31/89

Woodward Clyde Consultant
Ronald Loves Mees
203 N. Golden Circle
Santa Ana, Ca. 92705
HM (714) 628-7676
WK (714) 835-6886

ER89045039

2/27/90

Merlin Johnson Construction
Merlin Kenneth Johnson
P.O. BOX 777
Mentone, CA, 92359
HM (714) 794-1390
WK (714) 794-4772
Msg (714) 794-7702

ER88029067

11/13/89

Everett Carl Love
11247 Royal Palm
Riverside, Ca.
HM (714) 687-3169

ER88168031
ER89038038

6/30/89
2/20/90

Romo
Loui Cortez Romo
773 South 7th
Colton, Ca. 92324
HM (714) 825-8162

ER89059044

3/13/90

Nicholas Rose
4150 Chicago
Riverside, Ca. 92506
HM (714) 783-0143
WK (714) 351-6684

ER88236080

9/6/89

Rock Tech
Jonathan Carl Byrd
989 W 7th Street
San Jacinto, CA. 92383
HM (714) 654-8626
WK Same As Home

ER89003041

2/10/90

Edwin Eugene Santee
21212 Regal Vista Ct.
Lake Mathews, Ca. 92370
HM (714) 780-7287
WK (818) 331-3371

ER88242080

9/12/89

Spirit Drilling & Blasting
David Scott Lucas
11169 Caribou Ave
Apple Valley, Ca. 92307
HM (619) 240-4478
WK (619) 240-4099

ER89017026

1/30/90

Brain David Verona
1339 Elderberry Ave.
Ontario CA, 91762
HM (714) 981-8729

ER88124058
ER89041082

5/17/89
2/23/90

Donald Darwin Watts
2750 W. Acacia Sp. H17
Hemet, Ca. 92343
HM (714) 925-5052
WK (714) 737-3575

ER88096037

4/19/89

E L Yeager Construction
Daniel Boone Hunter
1995 Agua Mansa
Riverside, Ca. 92501
HM (714) 797-0446
WK (714) 684-5360

ER89089056

4/12/90

California Drilling & Blasting
Billy Ray Adair
4144 N. Arden
Elmonte, Ca. 91731
HM (619) 253-3675
WK (619) 443-0310
Msg (213) 283-6770

ER88319047

11/28/89

Robbin Christianson
10660 Lind Ave
Loma Linda, Ca. 92354
HM (714) 796-2867

ER88343047

12/22/89

Eject Blasting Service
Paul Frances Goethals
7431 Magnolia Ave #108
Riverside, Ca. 92504
HM (714) 359-7789
Msg (714) 359-7782

ER88202043

8/4/89

Inland Valley Construction
Kenneth Ralph Carvso
8969 Veron Ave
Montclair, Ca. 91763
HM (714) 946-5310
WK (714) 985-9821

ER88166089

6/27/89

Raymond Leon McCully
18482 San Bernardino Ave
Boomington, Ca.
HM (714) 829-2819
Car Phone (714) 321-5114

ER88328037

12/7/89

Corona Rock Company
Santiago Rodriquez Jr.
P.O Box 2229
Corona Ca. 91719-2229
HM (714) 654-9821
WK (714) 736-7600

ER88246047

9/15/89

Herbert Holt
2623 Yorba Linda Blvd
Fullerton, Ca.
HM (714) 526-6721
WK (714) 995-1133

ER88271059

10/11/89

Miles Drilling & Blasting
Mason Edward Miles Jr.
2301 Vineyard Ave.
Escondido, Ca. 92025
HM (619) 726-5452
WK (619) 745-3794

ER88313050

11/22/89

Donald Alvin Capps
11259 Sonora Trail
Redding, Ca. 96003
HM (916) 241-4735

ER88305074

11/13/89

Broco Inc.
Douglass Smith
2824 N. Locust Ave.
Rialto, Ca. 92376
WK (714) 350-4701

ER88123037
ER89038034

5/16/89
2/20/90

C.W. Poss Inc.
Robert Woodbury
2508 Woodland Dr.
Anaheim, Ca. 95661
HM (916) 791-2155
WK (714) 995-1133
Msg (714) 521-9220

ER88145079

10/5/89

3 M Corona Plant
Paul Gray
P.O. Box 1328
Corona, Ca. 91718
HM (714) 734-2762
WK (714) 737-3441

ER88132053
ER89041081

5/25/89
2/23/90

Hawley Corp
James Earl Hawley
10700 Jersey Blvd. Suite 450
Rancho Cucamonga, Ca. 91730
HM (818) 335-2607
WK (714) 944-5111

ER88292045

11/3/89

Sukut Construction
Mark Robert Fritzen
P.O Box 8586
Canyon Lake, CA. 92380
HM (714) 244-3212
WK (714) 540-5351

ER89026091

2/8/90

Duane Lee Warnke
5874 Cindy Lane
Riverside, CA. 92505
HM (714) 689-8985

ER89038039

2/20/90

Eugene Arthur Mills
7384 La Habra Ave
Yucca Valley, CA.

ER89094064

4/18/90

Walter Thomas Watson
549 N D Street
Perris, CA.

ER89102064

4/27/90

EXPLOSIVE PERMITS

DET. TRUSTEK 1
BANNING

DET LOWE. 5
BLYTHE

DET. ESTEY 5
ELSIVORE

DET. CAMPBELL - 29
HEMET

DET. HUMPHREY 0
INDIO

MYFD - 1
SGT. MYDEN

Kenneth John Joyce
4116 Matthew Dr.
Palm Springs, CA.

ER89075023

3/29/90

EXPLOSIVES APPLICATION AND PERMIT

COIS BYRD, SHERIFF
4050 Main Street
Riverside, California
Phone 787-2444

PERMIT # _____ Station _____
fee ☐ \$5.00 100# or less Application Date _____
☐ \$15.00 more than 100 # Effective Permit Date _____

1 Permittee: (Minimum age 21 years) Phone _____
Name _____ Address _____

DOB _____ Place _____ HT. _____ WT. _____ Color _____ Color _____
Driver's _____ O/ _____ Eyes _____ Hair _____ Sex _____
License _____ I.D. # _____ Representing _____
Phone _____

2. Vehicle for Transportation
Make _____ Mdl. _____ Yr. _____ License # _____ State _____
Travel route and safe stopping places _____

3. Activity: Manufacture ☐ Store ☐ Receive &/or Transport ☐ Use ☐
Sell or otherwise dispose ☐ Operate Terminal* ☐ Park Vehicle ☐

4. Material: Type of explosive _____ Quantity _____ Lbs.
How and/or where stored _____

How and/or where used (be specific) _____

- ☐ Must furnish State Forestry approval. Photographed ☐ Initial _____
☐ Must furnish Federal Forest Service approval. Printed ☐ Initial _____
☐ Must furnish CHP permit (over 1000# transp.)
THEFT OR LOSS SHALL BE REPORTED TO THIS AGENCY IMMEDIATELY (12086 H&S)

I, the undersigned, certify that I understand and will abide by all Federal State and local laws, ordinances, rules or orders to perform those acts noted therein. I also understand that all unused inventory covered by this permit on or before the expiration date will be disposed of in the following manner:

1. ☐ Returned to source
2. ☐ Totally destroyed in a safe manner
3. ☐ Turned over to issuing authority or re-apply for a new permit.

Applicant's Signature

IF ADDITIONAL SPACE IS NEEDED, FLIP AND USE REVERSE SIDE.

RECEIPT # _____

APPROVAL

This permit is granted to perform those activities noted above, and will expire _____.

The permittee is limited to perform these activities during the tenure of this permit, subject to conditions noted below.

This permit is non-transferable.

Conditions: (Over) _____

Issuing Authority, ID # _____

Distribution:

1. Permittee
2. Issuing Authority
3. Issuing Authority (Station)
4. State Bureau of CII, Secto.
5. Chief Fire Authority where explosives stored or used.

*Terminal approval shall be forwarded
California Highway Patrol
Motor Carrier Safety Section
2611 26th Street
Sacramento, California 95814

1. Obey all laws and ordinances.
2. This permit valid only on land legally owned or contracted job sites.
3. Permit is suspended during time of critical fire weather conditions insofar as blasting operations.
4. Each blasting operation authorized by this permit shall have one adult person in attendance and remain on watch for fire at least one hour after explosives have been detonated.
5. Notify local fire and law enforcement agencies prior to each blasting operation.

ADDITIONAL CLEARED EMPLOYEES:

#1) NAME: RACE: DOB:
ES : PH# ()
BUS : PH# ()
CDL # SS#

#2) NAME: RACE: DOB:
RES : PH# ()
BUS : PH# ()
CDL : SS#

#3) NAME: RACE: DOB:
RES : PH# ()
BUS : PH# ()
CDL : SS#

VEHICLES TO BE USED FOR TRANSPORTATION

	<u>LIC #</u>	<u>V.I.N.</u>	<u>MAKE</u>	<u>YEAR</u>	<u>COMPANY</u>
#1)					
#2)					
#3)					
#4)					

P 556 752 071 295

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

U.S.G.P.O. 1989-234-555

PS Form 3800, June 1985

Sent to	Paul Hubbs Construction Co.
Street and No.	140 West Valley Blvd.
P.O. State and ZIP Code	Rialto Ca. 92376
Postage	\$1.05
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and date delivered	90
Return Receipt showing to whom, Date, and address of delivery	
TOTAL Postage and Fees	\$2.80
Postmark or Date	

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. (Extra charge) 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:

Paul Hubbs Construction Co.
140 West Valley Boulevard
Rialto, Ca. 92376

4. Article Number

P 556 752 071

Type of Service:

- ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and **DATE DELIVERED**.

5. Signature — Addressee

[Signature]

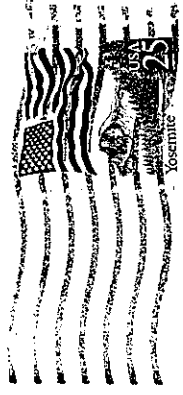
6. Signature — Agent

X

7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)

8531 Mission Blvd. #13
Riverside, cal. 92509



Steven Kupferman
4080 Lemon St.
Riverside, cal. 92501

RM

your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Paul Hubbs Construction Co.
3500 Pyrite Street
Riverside, CA 92509

4a. Article Number

P 293-463-064

4b. Service Type

- ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

11-5-96

5. Signature (Addressee)

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

UNITED STATES POSTAL SERVICE

Official Business



PENALTY FOR PRIVATE
USE TO AVOID PAYMENT
OF POSTAGE \$300



Print your name, address and ZIP Code here

RIVERSIDE COUNTY PLANNING DEPARTMENT
4080 LEMON STREET, 9TH FLOOR
P.O. BOX 1409
RIVERSIDE, CALIFORNIA 92502-1409

Via Central Messenger Stop List RIVERSIDE

TO:

STOP	DEPARTMENT	STOP	DEPARTMENT	STOP	DEPARTMENT
1020	ADMINISTRATIVE OFFICE	3890	GENERAL HOSPITAL	2360	MUNICIPAL COURT RIVERS
1250	AGRICULTURAL COMM	3890	MIA TRAILER R-1	2580	OFFICE ON AGING
1100	ASSESSOR	2630	GRAND JURY	3970	PARKS
1050	AUDITOR	2320	HEALTH SERVICES	1150	PERSONNEL
1160	AUDITOR PAYROLL	3760	HOUSING AUTHORITY	1190	PERSONNEL EMPL BENEF
2540	AUTOMOTIVE MAINTENANCE	2570	J T P A	3709	PERSONNEL CAREER OP C
2560	AVIATION	2300	JURY COMM	1070	PLANNING
1001	BOARD OF SUPERVISORS	3940	JUVENILE COURT	3702	PRINTING SERVICES
2600	BUILDING SERVICES	3900	JUVENILE HALL	2470	PROBATION
1130	BUILDING & SAFETY DISTRICT	3860	JUVENILE TRAFFIC	3910	PROBATION JUVENILE DIV
3715	BUILDING SAFETY ADMIN.	1030	LAFCO	3700	PUBLIC ADMINISTRATOR
1090	CAFETERIA	2340	LAW LIBRARY	2520	PUBLIC DEFENDER
1230	CENTRAL MAIL	2530	MARSHAL RIVERSIDE	3850	PUBLIC DEFENDER JUVEN
1010	CLERK OF THE BOARD	3800	MN HLTH ACCNTING SERV	3701	PURCHASING
3740	COMMUNICATIONS	3790	MN HLTH ADMINISTRATION	1220	QUICK PRINT
1055	COM CAC 11TH FLOOR	3810	MN HLTH ADULT SERVICES	1040	REDEVELOPMENT
2590	COMMUNITY ACTION	2610	MN HLTH ALCOHOL CONTROL	2510	REGISTRAR OF VOTERS
2480	CORONER	3730	MN HLTH ALCOHOL DETOX CTR	1080	ROAD DEPARTMENT
2420	COUNTY CLERK	3920	MN HLTH CHILDREN RES	1260	ROAD D.P. BASEMENT, RM.
2640	CNTY CLERK APPEALS SECT	3710	MN HLTH CHILDRENS TREAT	1170	SAFETY
1140	COUNTY CLERK RECORDER	2400	MN HLTH CONSERVATORSHIP	3980	SHERIFF ACADEMY OF JUS
2620	CNTY CLERK CRIMINAL FILE	2390	MN HLTH CONT COMM CARE	2450	SHERIFF ADMIN. 4050 Mai
2350	COUNTY COUNSEL	3750	MN HLTH CONT COMM CARE	2500	SHERIFF ACCT. & FINANCE
5001	CO-OP EXTENSION	3811	MN HLTH CRISIS/OUTPATIENT	2490	SHERIFF CAL ID
3720	DPSS	3820	MN HLTH DATA PROCESSING	2504	SHERIFF CIVIL BUREAU
2370	DA FAMILY SUPPORT	2380	MN HLTH DRUG ABUSE	3745	SHERIFF DISPATCH
2560	DATA PROCESSING, BROCKTON	3931	MN HLTH FORENSICS	2505	SHERIFF JAIL PLANNING
1060	DATA PROCESSING 10th FLOOR	3870	MN HLTH GENERAL HOSPITAL	3747	SHERIFF PATROL & INVEST
3895	DATA PROCESSING RGH	3770	MN HLTH JEFFERSON HOUSE	2410	SUPER. COURT CRIMINAL I
1115	DEFERRED COMP.	3780	MN HLTH MATL MNGMT	2430	SUPER. COURT FAMILY LAV
1120	DISTRICT ATTORNEY	3930	MN HLTH OLDER ADULT	3703	SUPPLY SERVICES
2330	ECONOMIC COMMUNITY DEV	3830	MN HLTH PATIENT RIGHTS	1110	TAX COLLECTOR/TREASUR
1210	EMERGENCY SERVICES (FIRE)	3831	MN HLTH PERSONNEL	3871	VAN HORN YOUTH CENTE
2440	EXEC OFF/JURY COMM	1200	MN HLTH PUBLIC GUARDIAN	2310	VETERANS SERVICES
2550	FAMILY LAW	3840	MN HLTH VOLUNTEER SERV	3950	WASTE DISPOSAL
1240	FIRE PLANNING & ENG	3860	MUNICIPAL COURT JURUPA	3705	WEIGHTS & MEASURES
3990	FLOOD CONTROL			1180	WORKER'S COMPENSATIO

ATTENTION:

Steve Kipferman

DATE:

3-30-90

FROM:

Supervisor, Durlap
Attn: L. Herer

**PLEASE highlight mail st
number and department nam
Use attention line(s) to assi
intramail stop routing.**

General Form 33 (12-88) Reorder #
02-0033

Via Central Messenger Stop List

RIVERSIDE COUNTY LOCATIONS

Central and Eastern Areas

TO:

STOP	DEPARTMENT	STOP	DEPARTMENT
------	------------	------	------------

BANNING

5010 ALL DEPTS. NOT LISTED
 5011 ASSESSOR'S OFFICE
 5012 BUILDING & SAFETY
 5013 DISTRICT ATTORNEY'S OFFICE
 5015 DA FAMILY SUPPORT
 For Banning Departments not listed use
 STOP #5010 and call the person getting
 the mail and ask them to pick it up
 at PROBATION.

BLYTHE

4095 ALL DEPTS. NOT LISTED
 For BLYTHE Departments not listed use
 STOP #4095 and call the person getting
 the mail and ask them to pick it up at the
 CAC RECEPTION DESK.

CORONA

5050 ALL DEPTS. NOT LISTED
 Room 102

COACHELLA

4005 AGRICULTURAL COMM.
 4010 CO-OP EXTENSION

DESERT CENTER

4090 CSA #51

HEMET

5020 ALL DEPTS. NOT LISTED
 5025 BUILDING & SAFETY
 For HEMET Departments not listed use
 STOP #5020 and call the person getting
 the mail and ask them to pick it up at
 the ASSESSOR'S OFFICE.

INDIO

4055 ALL DEPARTMENTS NOT LISTED
 4015 ASSESSOR
 4050 AUTOMOTIVE MAINTENANCE
 4042 BOARD OF SUPERVISORS
 4055 BUILDING SERVICES
 4036 BUILDING & SAFETY
 4030 COMMUNICATIONS
 4040 CORONER
 4034 COUNTY CLERK
 4020 DA FAMILY SUPPORT
 4080 J T P A
 4065 JUVENILE HALL
 4031 LAW LIBRARY
 4075 MARSHAL DESERT
 4070 MUNICIPAL COURT DESERT
 4060 NATIONAL DATE FESTIVAL
 4035 PLANNING
 4037 PROBATION
 4041 PUBLIC DEFENDER
 4032 ROAD DEPARTMENT
 4025 SHERIFF
 4033 SUPERIOR COURT
 4039 VETERANS SERVICES
 For INDIO departments not listed use
 STOP #4055 and call the person getting the mail
 and ask them to pick it up at CAC Room 312.

LAKE ELSINORE

5040 ALL DEPTS. NOT LISTED
 For LAKE ELSINORE Departments not listed
 use STOP #5040 and call the person getting
 the mail and ask them to pick it up at
 the SHERIFF'S DEPT.

PALM SPRINGS

4000 ALL DEPTS. NOT LISTED
 4001 MUNI. COURT DESERT, ADMIN.
 For PALM SPRINGS Departments not listed
 use STOP #4000 and call the person getting
 the mail and ask them to pick it up at the
 ASSESSOR'S OFFICE.

PERRIS

5030 ALL DEPTS. NOT LISTED
 5035 BUILDING & SAFETY
 5036 FIRE PROTECTION, ADMIN.
 For PERRIS Departments not listed use
 STOP #5030 and call the person getting the
 mail and ask them to pick it up at MUNI COURT.

ATTENTION: _____

DATE: _____

FROM: _____

**PLEASE highlight mail stop number and
 department name. Use attention line(s)
 to assist intramail stop routing.**

General Form 33 (12-88) Reorder # 11-02-0033